

Welcome



Apple Vision Pro User Guide

Everything you need to know about Apple Vision Pro

Introducing Apple Vision Pro



Apple Vision Pro is a spatial computer that blends digital content and apps into your physical space, and lets you navigate using your eyes, hands, and voice.

[Apple Vision Pro and visionOS overview](#)

First things first



Learn how to get started with your Apple Vision Pro and navigate visionOS.

[Get started with Apple Vision Pro](#)

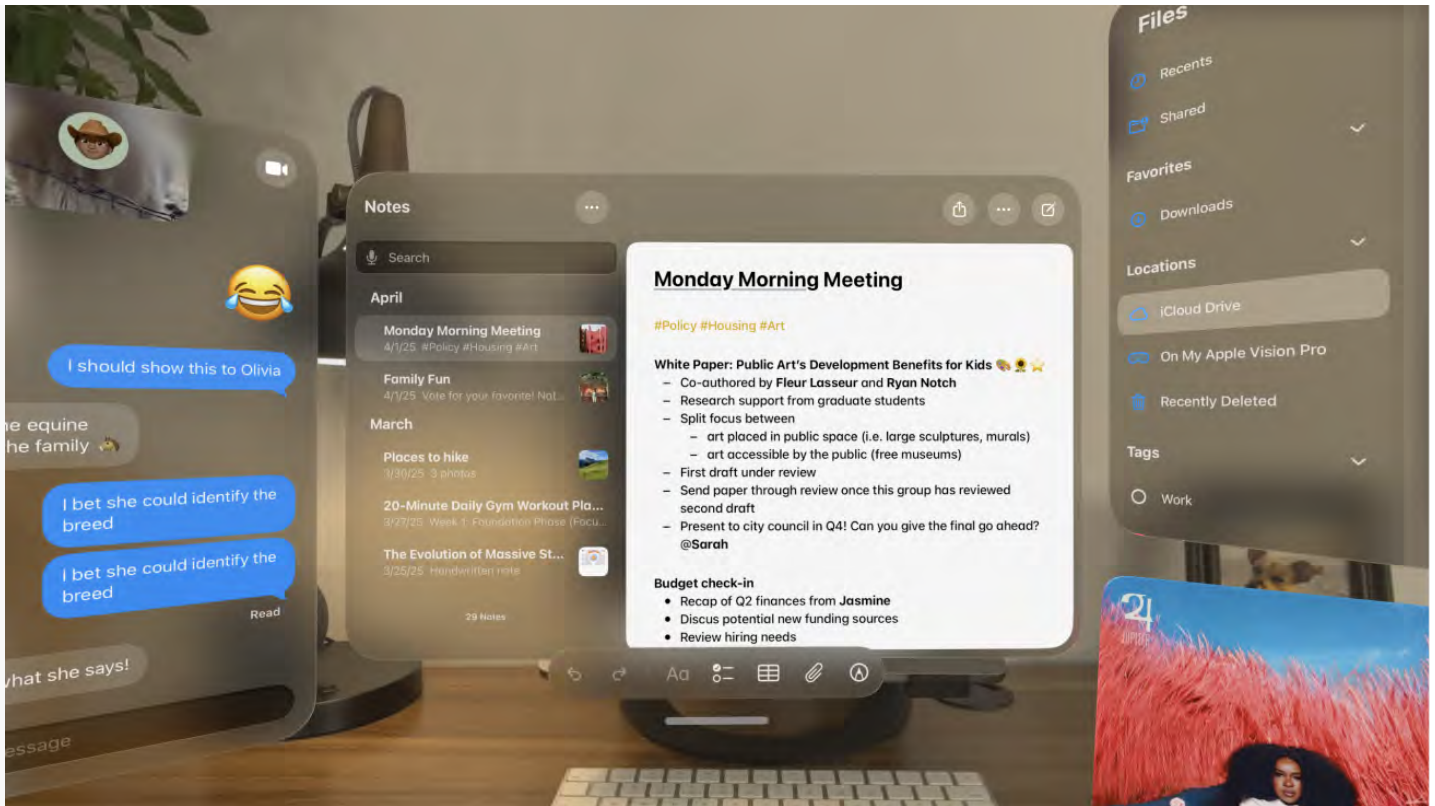
Keep in touch



There are new ways to create and share memories with others. Make FaceTime calls that feel like they're happening in the room, view and share spatial photos and videos, and even let others in the room see your view on another screen.

[Stay connected and share memories](#)

Get work done



With Apple Vision Pro, make the workspace of your dreams. Open visionOS apps alongside your Mac Virtual Display, interact with 3D objects in your documents, rehearse your next big presentation in new ways, and more.

[Use Apple Vision Pro at work](#)

Watch, listen, and play



Watch your favorite shows and movies in the Cinema Environment in the Apple TV app , play your favorite games from the App Store and Apple Arcade, and even come face-to-face with dinosaurs in a new interactive experience.

[New entertainment experiences](#)

To explore the Apple Vision Pro User Guide, click Table of Contents at the top of the page, or enter a word or phrase in the search field.

Introducing Apple Vision Pro

Apple Vision Pro and visionOS overview

Welcome to Apple Vision Pro, a spatial computer that blends digital content and apps into your physical space, and lets you navigate using your eyes, hands, and voice. With visionOS on Apple Vision Pro, you can use built-in apps like Apple TV , Safari , and Photos , transform your space with Environments, connect with others in FaceTime calls, and download great third-party apps from the App Store .

This guide helps you discover all the amazing things Apple Vision Pro can do with visionOS.



Your experience with Apple Vision Pro begins in Home View. From there, you can use the [tab bar](#) on the left to navigate between Apps, People, and Environments. Apps View has the familiar apps you know, which you can open with just a tap. People View allows you to connect with others, and Environments View transforms your surroundings with immersive landscapes, letting apps expand beyond the dimensions of your room.

Apps View



On Apple Vision Pro, you can open all your apps from one place—Apps View. In addition to apps designed for visionOS, the More Apps folder contains familiar iPhone and iPad apps that work with your Apple Vision Pro. You can open multiple apps and arrange them in your space however you like.

[Open, rearrange, and delete apps on Apple Vision Pro](#)

People View



People View helps you stay in touch with friends, family, and coworkers. In People View, you can make FaceTime calls, send messages, check contact information like birthdays and addresses, and more.

[Make or receive a FaceTime call on Apple Vision Pro](#)

Environments View



Environments transform the space around you with beautiful three-dimensional scenes. At any time, you can turn the Digital Crown to adjust your immersion and see more or less of your surroundings. When you're in an Environment, use Control Center to change the volume of sounds—like rain sounds in Mount Hood—and set your Environment to Light or Dark.

[Use Environments on Apple Vision Pro](#)

Control Center



Control Center lets you quickly access frequently used settings, adjust your Environment, see the time of day and your battery level, and more. Just look at your palm, flip your hand over, then tap the status bar.

[Open Control Center on Apple Vision Pro](#)

Related

[Adjust the fit of your Apple Vision Pro](#)

[Use ZEISS Optical Inserts for vision correction with Apple Vision Pro](#)

[Connect the battery to Apple Vision Pro](#)

[Learn basic gestures and controls on Apple Vision Pro](#)

[Clean your Apple Vision Pro](#)

Get started with Apple Vision Pro

Discover how to adjust the fit of Apple Vision Pro, complete setup, find apps, and more.

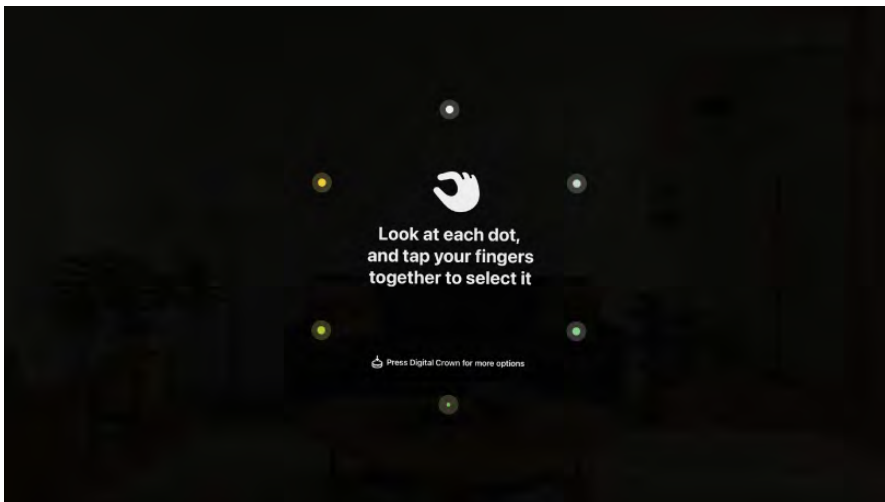
Get the best fit



For the best experience, make sure your Apple Vision Pro fits comfortably and securely. You can tighten or loosen the head band, and adjust the position of the head band and the device. During long sessions, you can also make minor adjustments to your fit to maximize comfort.

[Adjust the fit of your Apple Vision Pro](#)

Set up Apple Vision Pro



Apple Vision Pro has an easy setup process to help you get going when you first turn it on. You'll set up eyes and hands, learn basic gestures, capture your Persona, and more. You can redo any steps later in Settings .

Turn on and set up Apple Vision Pro

Use gestures to navigate



You can easily interact with Apple Vision Pro using your hands and eyes, along with the Digital Crown and top button. You can even look at something you want to interact with, like an app, and say something like, “Siri, open this.”

[Learn basic gestures and controls on Apple Vision Pro](#)

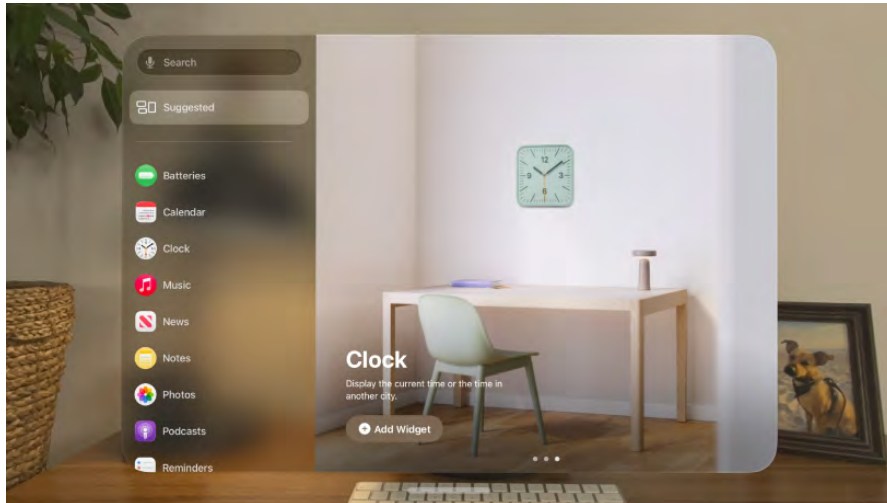
Open and find apps



Apple Vision Pro has all the familiar, built-in apps you know, like Notes, Photos, Messages, and Safari. You can open your apps from Home View with just a tap, or just ask Siri. And when you’re ready for something new, the App Store has apps and games designed for your Apple Vision Pro, as well as compatible iPhone and iPad apps.

[Open, rearrange, and delete apps on Apple Vision Pro](#)

Decorate your space with widgets



Place widgets where you want in the space around you, and they reappear every time you put on Apple Vision Pro. Put a customizable clock face directly on the wall, showcase your favorite spatial photos and panoramas, or hang a poster of your go-to playlist on Apple Music and start listening with a single tap.

[Use widgets on Apple Vision Pro](#)

Stay connected and share memories using Apple Vision Pro

On Apple Vision Pro, make FaceTime calls that are life-size, take and share spatial photos and videos with others so they feel like they were there, and share your view, so others in the room or in calls can see what you see.

Make FaceTime calls



FaceTime on Apple Vision Pro brings calls right into the room. During a call, you can also work in apps with others on the call, so you can easily collaborate in real time.

[Make or receive a FaceTime call on Apple Vision Pro](#)

Capture your Persona



Your Persona shows your natural expressions and movements during FaceTime calls, so everyone you're talking to can see your reactions, no matter what device they're on. You can adjust the lighting and warmth, and even choose whether your Persona wears glasses. To get started, go to Settings  > Persona.

[Capture and edit your Persona on Apple Vision Pro](#)

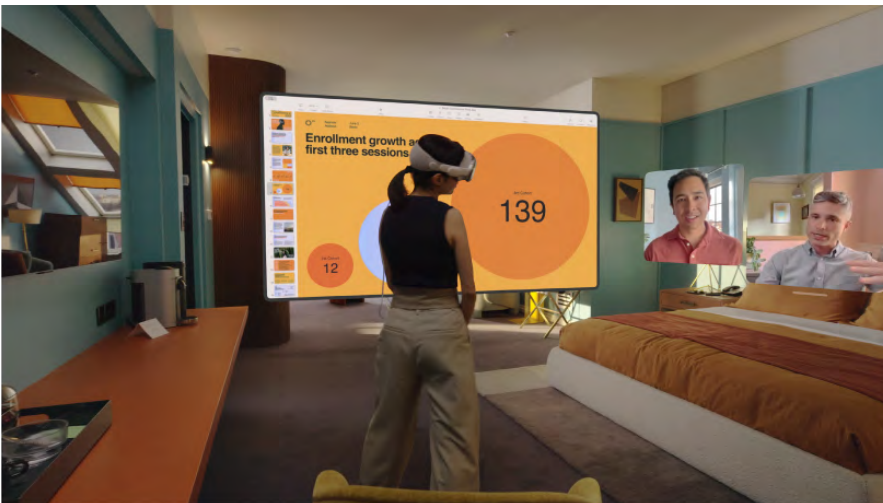
Take and share spatial photos and videos



Spatial photos and videos take you back to a moment in time, like a celebration with friends or a special family gathering, so it feels like you're there again. You can also let everyone experience the moment by sharing spatial photos and videos for others to view on their Apple Vision Pro, or using SharePlay with Photos during a FaceTime call.

[Capture, view, and share spatial photos and videos on Apple Vision Pro](#)

Share your view



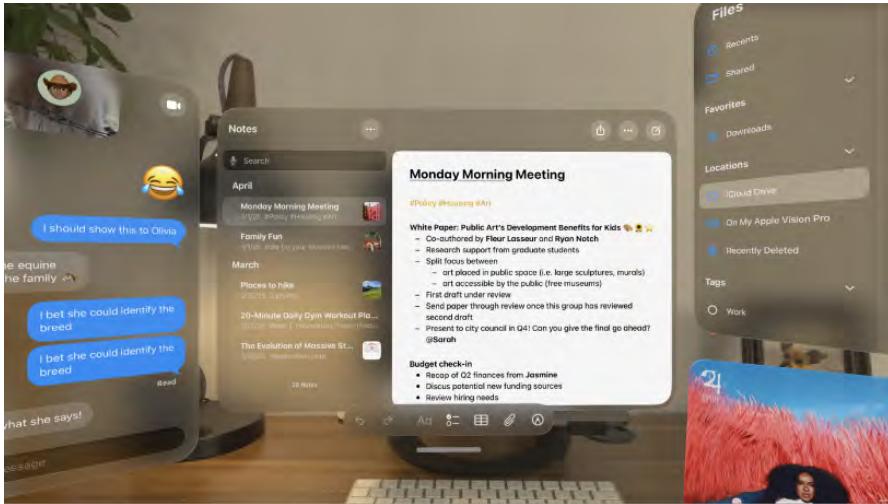
You can mirror your view on an external screen, share content directly with people nearby, or share your view in a FaceTime call, so others can follow along. To mirror your view on another screen, open Control Center, then tap Mirror My View. To start sharing with people nearby or on a FaceTime call, tap  to the right of the window bar in an app.

[Share apps and experiences with people nearby on Apple Vision Pro](#)

Use Apple Vision Pro at work

You can use Apple Vision Pro to spark new routines while you work—whether you’re keeping your tasks and notes organized, working on your Mac, or rehearsing your upcoming presentation.

Set up your workspace



You can arrange your apps in different ways to suit how you work. Pinch and drag the window bar at the bottom of an app to freely move it—you can place it next to other apps, move it closer or further away from you, and more. Pinch and drag the corner of an app window to make it smaller or larger. At any time, press and hold the Digital Crown to recenter everything in your view.

Move, resize, and close apps

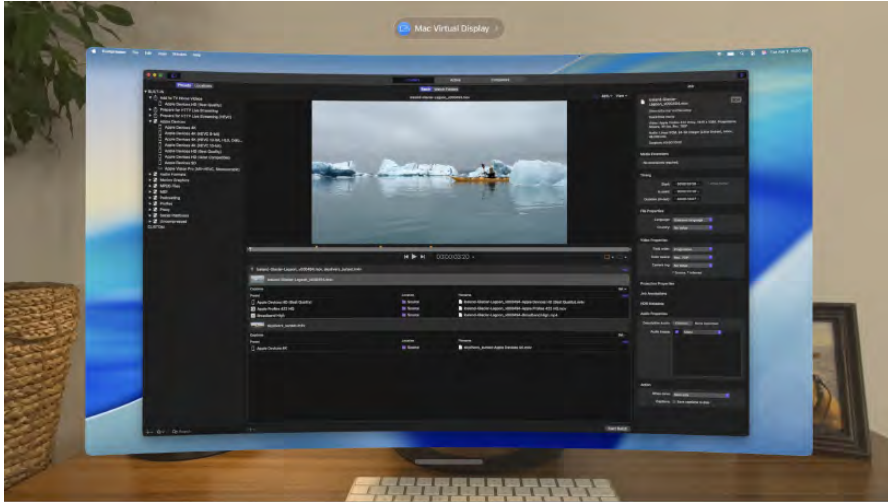
See 3D objects up close



You can add and view 3D objects in your own space, Freeform boards, Keynote presentations, the Files app, and more. Wherever you see a 3D object, tap it for more options.

Add a 3D object to a Freeform board

Connect your Mac



Mac Virtual Display lets you view a 4K virtual display of your Mac within Apple Vision Pro, and use your visionOS apps right alongside your Mac apps. You can even use your Mac pointer across all your apps. You can also change the aspect ratio of the Mac screen—up to a 32:9 ultrawide screen that wraps around you—and hear audio from your Mac through the Audio Straps on Apple Vision Pro.

Use Mac Virtual Display on Apple Vision Pro

Rehearse and collaborate on Keynote presentations



With Keynote on Apple Vision Pro, you can feel like you're in a conference room or theater as you rehearse your presentation. Plus, let multiple people present so the whole team can share, and add a live video feed to let your audience see your Persona while you're speaking.

[Get started with Keynote on Apple Vision Pro](#)

Keep all your files up to date



When you use iCloud on your Apple Vision Pro, you can securely store all your photos, videos, documents, backups, and more, and they automatically stay updated across all your devices.

[Use iCloud on Apple Vision Pro](#)

New entertainment experiences on Apple Vision Pro

From movies to games, to music and new interactive apps, upgrade your entertainment experience with your Apple Vision Pro. Watch your favorite shows and movies from your favorite spot in the Cinema Environment, listen to podcasts and music with Spatial Audio, play your favorite games from the App Store and Apple Arcade, and more.

Important: Always stay aware of your surroundings, as Apple Vision Pro won't detect all objects and obstacles, and immersive and interactive experiences may block your ability to see.

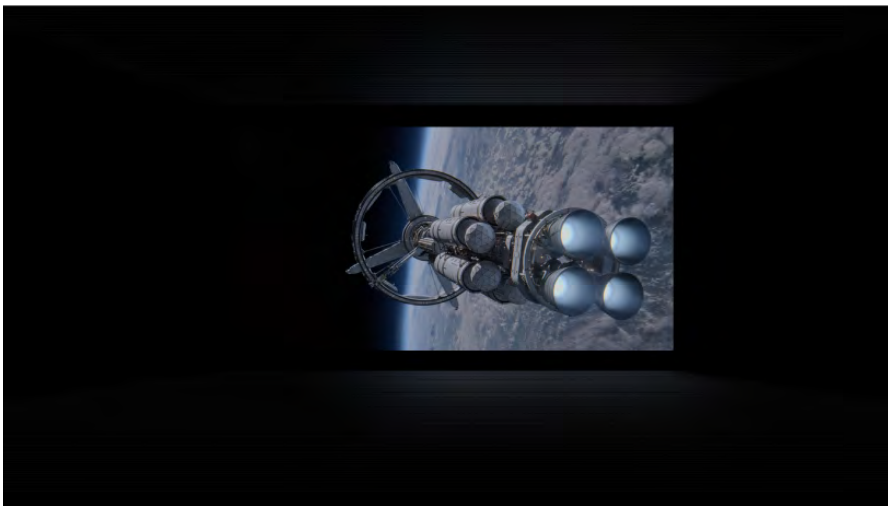
Listen with Spatial Audio



Listen to songs, podcasts, movies, and more, and feel like they're coming from all around you. Just play something, like a song in Apple Music, and the audio adjusts based on your head movement. For an even more immersive experience, pair AirPods with Apple Vision Pro to tune out your surroundings and make it easier to focus on what you're watching or listening to.

[Control Spatial Audio and head tracking on Apple Vision Pro](#)

Watch in the Cinema Environment



[Stream *For All Mankind* on the Apple TV app with a subscription](#)

Apple Vision Pro can expand your movies and shows, making any room your own personal theater. In the Apple TV app  , choose something to watch, then tap  in the top-left corner.

[Watch movies and TV in an Environment on Apple Vision Pro](#)

Step into the story



Encounter Dinosaurs 🦖 introduces a new kind of interactive experience, putting you face-to-face with creatures that can see you and respond to you.

[Explore Encounter Dinosaurs on Apple Vision Pro](#)

Level up



On Apple Vision Pro, you can find games in the App Store 🍏—including a curated collection of games in Apple Arcade (subscription required)—with new spatial games that transform the space around you, making it feel like you’re part of the action. Compatible iPhone and iPad games can be played on a screen as big as your room, with support to connect popular game controllers.

[Customize a wireless game controller](#)

Fit and care

Adjust the fit of your Apple Vision Pro

Apple Vision Pro is designed with a range of ways to customize your fit. As you use Apple Vision Pro, it may give you notifications about fit, such as if you need to move it up or down, or if you may need to use a different Light Seal Cushion or Light Seal.

Make sure your Apple Vision Pro fits correctly. A proper fit, including using the correct Light Seal and head band for your face and head, is important for a comfortable and safe experience. If you require vision correction, you must either wear contact lenses or use the compatible [ZEISS Optical Inserts](#), as eyeglasses are not compatible with Apple Vision Pro.

Apple Vision Pro is designed to fit and be used by individuals 13 years of age or older.

Pick up and put on Apple Vision Pro

1. Loosen the head band. Pick up Apple Vision Pro with two hands—one holding the frame and the other holding the head band. Don't pick it up by the Light Seal, as the Light Seal attaches magnetically and could detach.

When handling the head band, make sure it's securely attached to the frame. See [Attach or remove the head band](#).

2. Position your Apple Vision Pro on your face, then slide the head band over the back of your head.
3. Adjust the fit of the head band to your preferred fit. Apple Vision Pro should fit securely, but shouldn't feel too tight.

When you take off Apple Vision Pro, loosen the head band slightly.

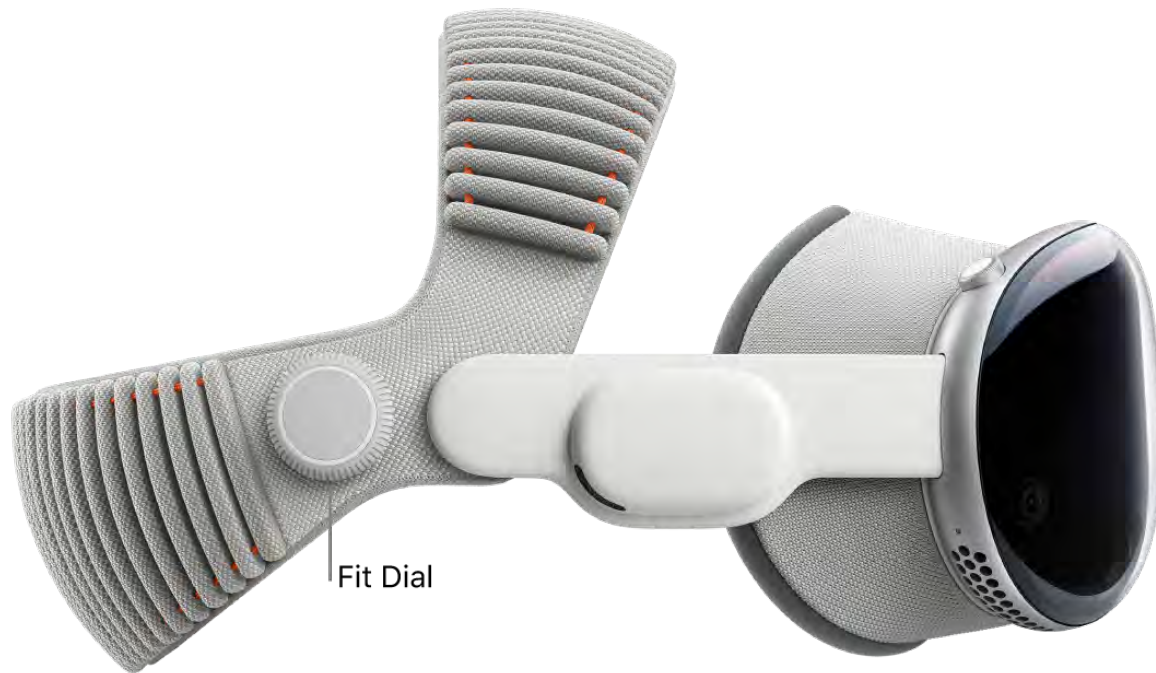
When you set down your device, put the cover on, and set Apple Vision Pro on a stable surface, like a table or countertop. See [Handle and store your Apple Vision Pro](#).

Adjust the fit of your head band

The latest Apple Vision Pro models come with the attached. Earlier Apple Vision Pro models come with the Solo Knit Band attached and with the Dual Loop Band in the box. To learn how to attach a different head band, see [Attach or remove the Apple Vision Pro Light Seal or head band](#).

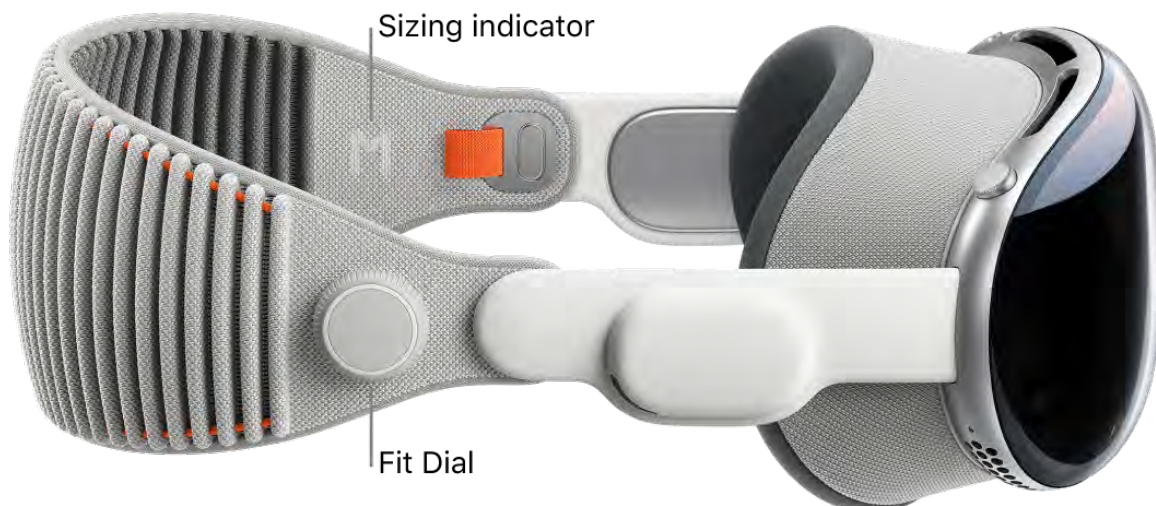
- : Make sure that the Fit Dial on the right side of the is pushed in. Turn the Fit Dial clockwise to tighten the lower strap until it feels snug (or counterclockwise if you need to loosen it). Gently pull the Fit Dial out, then turn it clockwise to tighten the upper strap (or counterclockwise to loosen).

To balance the support of Apple Vision Pro between your forehead and cheeks, move the lower strap up or down on the back of your head, then use the Fit Dial to fine-tune the fit.



- *Solo Knit Band*: Turn the Fit Dial on the right side of the Solo Knit Band until the band is snug against the back of your head. Apple Vision Pro should fit securely, but shouldn't feel too tight.

To balance the support of Apple Vision Pro between your forehead and cheeks, move the band up or down the back of your head.



- *Dual Loop Band:* While holding Apple Vision Pro in place with one hand, tighten the lower strap until it fits snugly against the back of your head, then tighten the upper strap.

To balance the support of Apple Vision Pro between your forehead and cheeks, push up on Apple Vision Pro (so it sits slightly higher on your face) while pulling the lower strap slightly down on the back of your head.



Other ways to adjust fit

- *Use a different head band:* If you're not able to find the right fit with the head band that came attached to your Apple Vision Pro, you can try one of the other head bands.
- *Use a different size head band:* The Solo Knit Band and Dual Loop Band come in multiple sizes. If you've tried several adjustments with each band, you may need a different size head band.
- *Use a different Light Seal Cushion or Light Seal:* If you see a notification that you're too close to the displays, or experience discomfort around your nose, use the thicker Light Seal Cushion (marked with a +) that came with Apple Vision Pro. If the notification or discomfort persists after changing the Light Seal Cushion, you may need a different size Light Seal.

For the best experience

Read all warnings before use. See [Safely use your Apple Vision Pro](#).

- Feel free to make minor adjustments to your fit periodically to maximize comfort when using Apple Vision Pro.

- To reduce the risk of injury, remove facial jewelry like nose rings and eyebrow rings while wearing Apple Vision Pro, and don't use Apple Vision Pro if you already have an injury on your nose or face.
- If your eyelashes are touching Apple Vision Pro, or you receive a notification that you're too close to the displays, try using the thicker Light Seal Cushion that comes with Apple Vision Pro. If the notification persists or your eyelashes are still touching the displays, you may need a different size Light Seal.
- Always wear the correct size of Light Seal and Light Seal Cushion for your face when wearing Apple Vision Pro, and never wear Apple Vision Pro without a Light Seal and Light Seal Cushion attached. This reduces the risk of injury to the eyes and face and makes Apple Vision Pro more comfortable to wear.
- Use [ZEISS Optical Inserts](#), [Digital Prism Correction](#), or contact lenses if you need vision correction.
- When using ZEISS Optical Inserts, you may need a different size Light Seal Cushion than when you're not using them (such as with contact lenses). In rare cases, you may need a different size Light Seal while using ZEISS Optical Inserts.
- If you have persistent or severe physical discomfort, stop using Apple Vision Pro.

Similar to other personal electronics, taking frequent breaks during long sessions is recommended for maximum comfort.

Related

[Adjust display alignment on Apple Vision Pro](#)

[Use ZEISS Optical Inserts for vision correction with Apple Vision Pro](#)

[Clean your Apple Vision Pro](#)

Adjust display alignment on Apple Vision Pro

When you put on Apple Vision Pro, you adjust the displays to align with your pupils, so you see a single, clear image of your content.

You may occasionally be prompted to adjust display alignment when you put on Apple Vision Pro. You can also adjust it at any time in Settings.

Adjust display alignment in Settings

1. Go to Settings  > Eyes & Hands > Realign Displays.

2. Use the [Digital Crown](#) and the [top button](#) as instructed to adjust the position of the displays.

Always release the Digital Crown to stop movement if you feel contact on your nose.

3. Double-click the Digital Crown to confirm position.

If you need to redo eye and hand setup after adjusting the position of the displays, quadruple-click the top button, or go to Settings. See [Redo eye and hand setup on your Apple Vision Pro](#).

Related

[Use ZEISS Optical Inserts for vision correction with Apple Vision Pro](#)

[Clean your Apple Vision Pro](#)

[Find settings on Apple Vision Pro](#)

Use ZEISS Optical Inserts for vision correction with Apple Vision Pro

If you didn't attach your ZEISS Optical Inserts when you set up your Apple Vision Pro, you can attach them later.

Tip: If you want to use your ZEISS Optical Inserts on someone else's Apple Vision Pro, you can [scan in your vision prescription information](#) when you first start Guest User on their device.



1. With the [cover](#) on Apple Vision Pro, attach the optical inserts according to manufacturer instructions. See the [ZEISS Optical Inserts Instructions for Use](#).
2. Remove the cover, then put on Apple Vision Pro. See [Pick up and put on Apple Vision Pro](#).
3. Quadruple-click the [top button](#), then use the [Digital Crown](#) to choose Pair New Optical Inserts. Or, go to Settings  > Eyes & Hands, then tap Set Up New Optical Inserts.

Note: If your eyeglass prescription has a prism value, see [Use Digital Prism Correction on Apple Vision Pro](#).

When using ZEISS Optical Inserts, make sure you're using a Light Seal and Light Seal Cushion that maintain an acceptable distance between your eyes and the displays (visionOS may notify you if your eyes need to be farther from the displays). See [Safely use your Apple Vision Pro](#).

Any time you take off Apple Vision Pro, put the cover on to protect Apple Vision Pro from dust and damage.

Related

[Turn on and set up Apple Vision Pro](#)

[Redo eye and hand setup on your Apple Vision Pro](#)

[Find settings on Apple Vision Pro](#)

Attach or remove the Apple Vision Pro Light Seal or head band

The Light Seal, Light Seal Cushion, and head band are detachable, so you can take them off for cleaning, or if you want to use a different size Light Seal, Light Seal Cushion, or head band.

Attach or remove the Light Seal and Light Seal Cushion



1. Put on the [cover](#) to protect Apple Vision Pro, then make sure your Apple Vision Pro is sitting on a stable surface, like a table or desk.

To prevent scratches and cracks, don't place Apple Vision Pro with the glass facing down.

2. Do any of the following:

- *Attach the Light Seal:* Align the Light Seal with the frame, with the Light Seal Cushion facing out (so it touches your face when you put it on). You should feel the Light Seal magnetically attach to the frame.
- *Attach the Light Seal Cushion:* Align the Light Seal Cushion with the Light Seal, with the Light Seal Cushion facing out (so it touches your face when you put it on). You should feel the Light Seal Cushion magnetically attach to the Light Seal.
- *Remove the Light Seal:* Gently pull on the Light Seal until it disconnects from the frame.
- *Remove the Light Seal Cushion:* Gently pull on the Light Seal Cushion until it disconnects from the Light Seal.

Attach or remove the head band



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1. Put on the cover to protect Apple Vision Pro, then make sure your Apple Vision Pro is sitting on a secure surface, like a table or desk.

To prevent scratches and cracks, don't place Apple Vision Pro with the glass facing down.

2. Do any of the following:

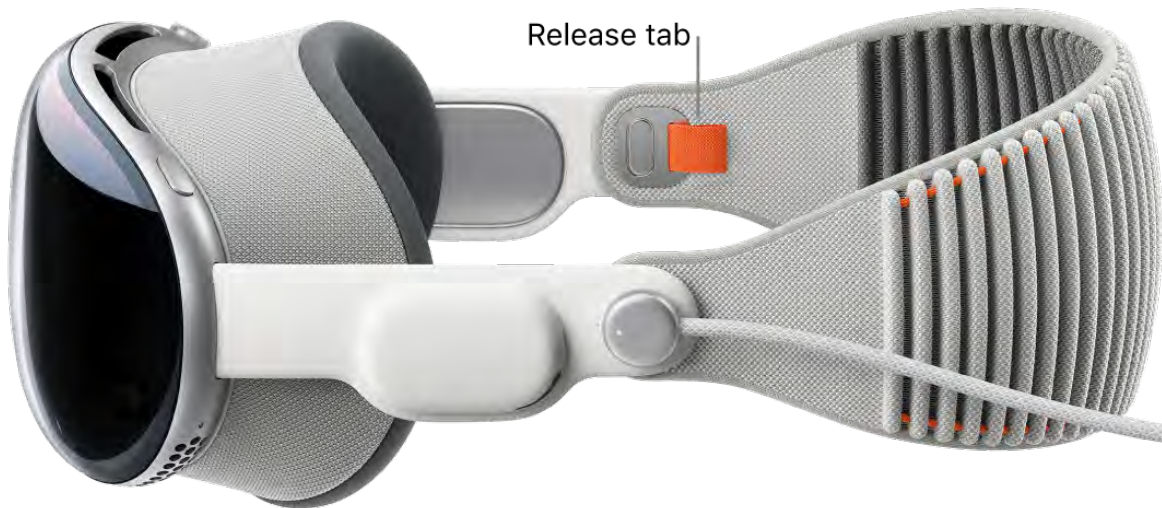
- *Attach the* : Align the connector on either side of the with the connector on the inside of each Audio Strap (with the orange release tab facing inwards), then push in until you hear a click.

You may need to pull the orange release tab as you put the connector in place, then release when it's attached.



- *Attach the Solo Knit Band:* Align the connector on either side of the Solo Knit Band with the connector on the inside of each Audio Strap (with the orange release tab facing inwards), then push in until you hear a click.

You may need to pull the orange release tab as you put the connector in place, then release when it's attached.



- *Attach the Dual Loop Band:* Make sure the size indicator is positioned on the left, with the upper strap pointing directly upwards and the lower strap oriented to go around the lower part of your head. Then align the connector on either side of the Dual Loop Band with the connector on the inside of each Audio Strap, then push in until you hear a click. Make sure to loosen the straps before putting on Apple Vision Pro.



- *Detach the head band:* Pull the orange release tabs on the inside of the head band until it disconnects from the device.

Note: Before putting on Apple Vision Pro, gently pull the connection points for the head band to ensure they're attached properly.

Related

[Adjust the fit of your Apple Vision Pro](#)

[Clean your Apple Vision Pro](#)

Clean your Apple Vision Pro

To learn how to detach parts of your Apple Vision Pro for easier cleaning, see [Attach or remove the Apple Vision Pro Light Seal or head band](#).

Before cleaning your Apple Vision Pro, turn it off, then place it on a stable surface, like a table or desk. Be sure to disconnect the power cable. See [Turn off Apple Vision Pro](#).

Clean the cover glass and display lenses

For optimal performance, keep the cover glass and display lenses clean and smudge-free.



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- Wipe with a clean, dry microfiber cloth, like the polishing cloth provided with your Apple Vision Pro.
- Do not use liquids or chemicals like isopropyl alcohol, ammonia-based products, or other solvents, as these may damage Apple Vision Pro.

If you have ZEISS Optical Inserts, refer to manufacturer instructions for cleaning instructions.

Clean the Light Seal and Light Seal Cushion

- *Light Seal:* Detach the Light Seal from Apple Vision Pro, then wipe with a dry, soft, lint-free cloth.

You can also hand wash the Light Seal using warm water and unscented, dye-free dish soap. Before washing the Light Seal, always detach the Light Seal from the frame and the Light Seal Cushion. If you wash the Light Seal, don't use Apple Vision Pro until it's completely dry.

- *Light Seal Cushion:* Detach from the Light Seal, then wipe with a dry, soft, lint-free cloth.

You can also hand wash the Light Seal Cushion using warm water and unscented, dye-free dish soap. Always detach the Light Seal Cushion from the Light Seal before washing the cushion. If you wash the cushion, don't use Apple Vision Pro until it's completely dry.

Don't use disinfectant wipes or laundry detergent to clean the Light Seal or Light Seal Cushion.

Clean the head band

You can wipe the head band with a soft, lint-free cloth.

To wash the head band, detach it from Apple Vision Pro, then hand wash using unscented, dye-free dish soap or detergent. Don't use Apple Vision Pro until the head band is completely dry.

Clean the battery

Wipe with a dry, soft, lint-free cloth.

For more information, see the Apple Support article [How to clean Apple Vision Pro and accessories](#).

Related

[Adjust the fit of your Apple Vision Pro](#)

[Use ZEISS Optical Inserts for vision correction with Apple Vision Pro](#)

[Connect the battery to Apple Vision Pro](#)

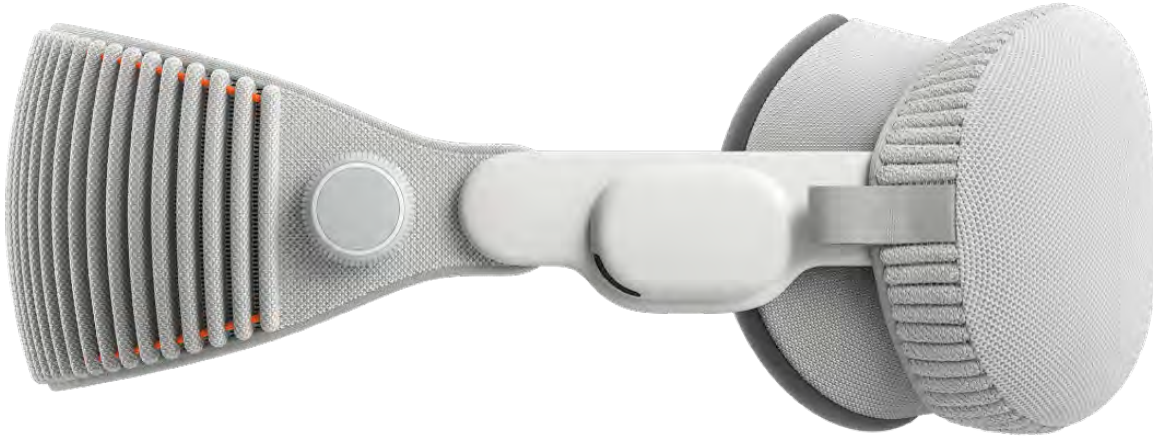
Handle and store your Apple Vision Pro

To help prevent damage to your Apple Vision Pro, handle and store the device properly.

Handle your Apple Vision Pro

- Pick up Apple Vision Pro with two hands—one holding the frame and the other on the head band. Don't pick up Apple Vision Pro by the Light Seal.
- When you aren't using Apple Vision Pro, put on the cover to help prevent dust accumulation or damage. If the cover is not on, place the device on the polishing cloth.
- For optimal performance, keep the cover glass and display lenses clean and smudge-free. See [Clean your Apple Vision Pro](#).

Store your Apple Vision Pro



- *Store Apple Vision Pro:* In between uses, put the cover on, then place Apple Vision Pro on a stable surface, like a table or desk. You can leave the battery connected for short periods of time, but Apple Vision Pro automatically shuts down after 24 hours of inactivity to preserve battery (unless it's charging).

You can also store the device in the Apple Vision Pro Travel Case (sold separately) to protect your Apple Vision Pro whenever you're not using it.

- *Storage during transit:* If traveling with Apple Vision Pro, a suitable bag or case is recommended, such as the Apple Vision Pro Travel Case (sold separately). Take care to protect the device from impact. Avoid placing Apple Vision Pro in bags or cases alongside loose objects or debris, which can scratch the internal displays, or accidentally get inside the vents and openings of the device.

Charge and connect the battery

Connect the battery to Apple Vision Pro

Before you can turn on your Apple Vision Pro, you need to connect the battery. Even if you're not using your Apple Vision Pro, you can leave the battery connected to allow Apple Vision Pro to sync your mail, photos, and more.

Note: Apple Vision Pro automatically shuts down after 24 hours of inactivity to preserve battery (unless it's charging).



Connect the battery

1. Insert the power cable into the power connector on the left Audio Strap, with the cord angled slightly upward.

The dot on the power cable should line up with the white outlined dot on the Audio Strap.

2. Rotate the power cable clockwise until it locks in.

When the power cable is successfully connected, the light pulses, and Apple Vision Pro turns on.



To disconnect the battery from your Apple Vision Pro, first save any open documents—disconnecting the battery will turn off the device—then turn the power cable counterclockwise until it detaches. See [Turn off Apple Vision Pro](#).

Battery placement

- While wearing Apple Vision Pro, place the battery in a comfortable location close to your body, like in your pocket.
- Avoid placing the battery near external heat sources.
- Be aware of the battery and cable while using Apple Vision Pro. For example, don't sit down with the battery in your back pocket, don't pull the battery off your desk when you stand up, and don't let it fall between seats on an airplane.
- If the battery is accidentally detached during use, remove Apple Vision Pro.

Related

[Important safety information for Apple Vision Pro](#)

[Important handling information for Apple Vision Pro](#)

[Turn on and set up Apple Vision Pro](#)

[Adjust the fit of your Apple Vision Pro](#)

[Apple Vision Pro and visionOS overview](#)

Charge the Apple Vision Pro battery and check the battery level

You can use Apple Vision Pro while charging the battery, but be aware of the USB-C Charge Cable as you move around. When you're syncing with iCloud or using Apple Vision Pro, it may take longer to charge the battery.

Note: When Apple Vision Pro is not in use, it's best to keep your battery connected to a power outlet, as Apple Vision Pro continues syncing all your messages, mail, photos, and more. This helps ensure your content is up to date, and your battery is full, the next time you put on Apple Vision Pro.

To understand how your battery works so you can get the most out of it, see the [Apple Lithium-ion Batteries website](#).

Charge the battery

Connect the Apple Vision Pro battery to a power outlet using the USB-C Charge Cable and an Apple USB-C power adapter.

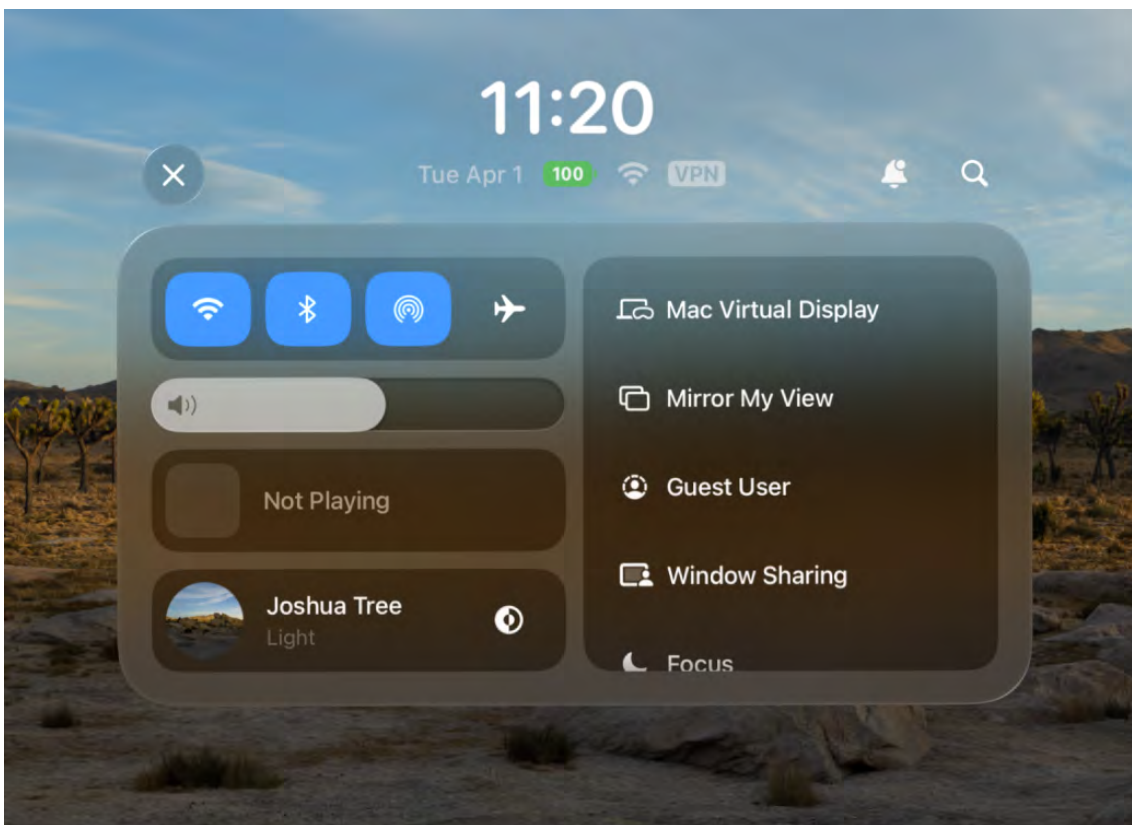
The light next to the USB-C port on the battery displays the charge status; amber means the battery needs to be charged, and green means the battery is fully charged.

If the battery is very low on power, the light may flash amber, indicating that it needs to charge before you can use Apple Vision Pro.

Tip: To see the battery light, gently tap or pick up the battery.

WARNING: If you suspect there may be liquid in the charging port of the Apple Vision Pro battery, don't plug the charging cable into it. For information about exposure to liquid, and other information about safely using and charging the battery, see [Important safety information for Apple Vision Pro](#).

Check the battery level



You can view the battery level or percentage at any time.

- *See the battery level:* Look at your palm and flip your hand over to see your battery level in the status bar. You can also see the battery level when you open [Control Center](#).
- *Show or hide the battery percentage:* Go to Settings > Battery, then turn Battery Percentage on or off.

Related

[Important safety information for Apple Vision Pro](#)

[Important handling information for Apple Vision Pro](#)

[Turn on and set up Apple Vision Pro](#)

[Open Control Center on Apple Vision Pro](#)

[Find settings on Apple Vision Pro](#)

User safety

Prepare your space before using Apple Vision Pro

Apple Vision Pro has built-in safety features to help prevent collisions and falls, but it's also important to make sure your space is free of obstacles and hazards before you put on your Apple Vision Pro, as certain conditions—like low light—may affect these safety features.

Use your Apple Vision Pro in controlled indoor and outdoor spaces, and always remain aware of your surroundings and body posture during use. Apple Vision Pro should never be used on or near roads, streets, or any other area where moving objects present a collision risk.

Read all of the information below before using your Apple Vision Pro.

Set up your space

- Ensure your space is clear of any obstacles that you could bump into, trip over, or hit with your hands. Immersive experiences or loss of power while wearing Apple Vision Pro may block your ability to see.
- Avoid obstacles—like doorknobs—that may catch the power cable and cause it to disconnect. Remove Apple Vision Pro immediately if a loss of system power occurs.
- Ensure your space is dry and level to reduce the likelihood of falls or collisions.
- Keep away from sharp objects and sources of excessive heat (such as a stove or oven), and do not use Apple Vision Pro around stairs, balconies, railings, glass, mirrors, windows, or other hazards.

- Apple Vision Pro is not water resistant. If you use it outside in a controlled environment (like your backyard), do not expose Apple Vision Pro to rain or fog.
- Apple Vision Pro is not intended for use where the failure of the device could lead to death, personal injury, or severe environmental damage (such as operating a moving vehicle).
- Never use the device while operating a moving vehicle, bicycle, heavy machinery, or in uncontrolled environments requiring attention to safety. It is your responsibility to maintain appropriate alternative backup or safety measures in controlled environments.
- Be aware of furniture and other obstacles, pets, and children while using the device.

See your surroundings while immersed

Apple Vision Pro may not detect all objects in your space—like glass, mirrors, and stairways—and can only detect objects at eye level.

To increase the likelihood that objects in your surroundings are detected:

- Use Apple Vision Pro in a well-lit environment.

Note: Remain stationary while using Apple Vision Pro in low light, as awareness features are limited.

- Do not run or make sudden movements while using Apple Vision Pro.
- Avoid using Apple Vision Pro around moving objects, like fans.

For more information about when Apple Vision Pro reveals objects in your surroundings, see [About immersion](#) and [See people around you while you're immersed with Apple Vision Pro](#).

Important: Apple Vision Pro is designed to fit and be used by individuals 13 years of age or older. Children ages 13 years and older should be supervised by an adult while using.

Related

[Safely use your Apple Vision Pro](#)

[Important safety information for Apple Vision Pro](#)

[Important handling information for Apple Vision Pro](#)

[Adjust your level of immersion when using Apple Vision Pro](#)

[See people around you while you're immersed with Apple Vision Pro](#)

Safely use your Apple Vision Pro

Apple Vision Pro has built-in safety features to help prevent collisions and falls, but it's also important to use the device in a safe manner. For example, don't run while wearing Apple Vision Pro, use it while operating a moving vehicle, or use it while intoxicated or otherwise impaired.

Read all of the information below before using your Apple Vision Pro.

Make sure your Apple Vision Pro fits correctly

A proper fit, including using the correct Light Seal, Light Seal Cushion, and head band for your face and head, is important for a comfortable and safe experience. If you require vision correction, you must either wear contact lenses or use the compatible ZEISS Optical Inserts; eyeglasses are not compatible with Apple Vision Pro. See [Adjust the fit of your Apple Vision Pro](#), [Adjust display alignment on Apple Vision Pro](#), and [Use ZEISS Optical Inserts for vision correction with Apple Vision Pro](#).

Important: Apple Vision Pro is designed to fit and be used by individuals 13 years of age or older.

Protect the glass on your Apple Vision Pro

Apple Vision Pro is not a protective device. It contains glass, which could scratch, crack, or create sharp edges as a result of impacts with surfaces in the environment.

- Be aware that the risk of collision may be increased when you're moving at higher speeds. Don't run while wearing Apple Vision Pro.
- Never use Apple Vision Pro if the cover glass is broken. If the cover glass breaks during use, carefully remove Apple Vision Pro from your head by holding the frame—not the glass—and head band.
- Put the cover on your Apple Vision Pro and place it on a flat, level surface anytime you're not using it.

For information about cleaning and storage, see [Clean your Apple Vision Pro](#).

Prevent and reduce motion sickness

Apple Vision Pro is designed to minimize the risk of motion sickness. To learn more about motion sickness when using Apple Vision Pro, see the Apple Support article [If you experience motion sickness while using your Apple Vision Pro](#).

- Start using Apple Vision Pro gradually to get adjusted, and take regular breaks, even if you think you don't need them. For example, start with just a 20 or 30-minute session, and adjust based on your comfort level.

- Immersive content that has a higher probability of causing certain people to experience motion sickness is labeled in the App Store  as having high motion. Be aware of this label as you select immersive content, especially while you're getting used to Apple Vision Pro.
- Be aware of symptoms of motion sickness, such as nausea, and stop using Apple Vision Pro if you experience them.
- Wait until symptoms have subsided before doing anything—such as walking or driving a car—that requires balance, coordination, or attention to safety.
- If any symptoms persist, consult your physician before resuming use of Apple Vision Pro.

You can also reduce the motion in some experiences, such as in Environments. Go to Settings  > Accessibility > Motion, then turn on Reduce Motion.

In visionOS 2.1 or later, if you are experiencing motion discomfort while looking at apps in your space, go to Settings  > Awareness & Safety, then turn off Stabilize Nearby Content. Try it both on and off to see if it eases any motion sickness you may experience.

In visionOS 26 or later, Apple Vision Pro can pause immersive videos or reduce your immersion when high motion is detected. Go to Settings  > Awareness & Safety > Detect High Motion, then turn on Detect High Motion. You can then choose whether to pause videos or reduce your immersion, and choose a sensitivity level.

Preexisting conditions and medical devices

Avoid using Apple Vision Pro if you feel unwell. If you are pregnant or have a preexisting medical condition, such as migraine headaches, an eye or vision condition, an inner ear condition, or a psychological condition, be aware that using Apple Vision Pro or certain experiences may aggravate your symptoms, or increase the risk of injury or discomfort.

Consult your physician prior to using Apple Vision Pro under the following circumstances:

- You have a medical condition—such as seizures—that could be affected by or interact with your Apple Vision Pro.
- You are at risk for falls or seizures, or have a serious medical condition such as a heart condition.
- You have a medical device that may be impacted by magnets and electromagnetic fields. See “Medical device interference” in [Important safety information for Apple Vision Pro](#).

Important: If you experience symptoms that may be related to a medical condition, or you suspect the device and battery are interfering with your medical device, discontinue using Apple Vision Pro and consult your physician. If any symptoms persist, consult your physician before resuming wear.

For more information, see the Apple Support article [Using Apple Vision Pro with certain medical conditions](#).

Related

[Prepare your space before using Apple Vision Pro](#)

[Important safety information for Apple Vision Pro](#)

[Important handling information for Apple Vision Pro](#)

[Adjust the fit of your Apple Vision Pro](#)

Important safety information for Apple Vision Pro

WARNING: Failure to follow these safety instructions could result in fire, electric shock, injury, or damage to the device, the battery, or other property. Read all the safety information below before using Apple Vision Pro and its battery.

Children. Apple Vision Pro is designed to fit and be used by individuals 13 years of age and older, and should not be used by children under the age of 13. Children ages 13 years and older should be supervised by an adult while using Apple Vision Pro.

Not a medical device. Apple Vision Pro is not a medical device. Consult your healthcare provider prior to making any decisions related to your health.

Medical conditions. If you are at risk for falls or seizures, or have a serious medical condition such as a heart condition, consult your physician prior to using Apple Vision Pro. If you are pregnant or have a preexisting medical condition, such as migraine headaches, an eye or vision condition, an inner ear condition, or a psychological condition, be aware that using Apple Vision Pro or certain experiences may aggravate your symptoms, or increase the risk of injury or discomfort. If you experience symptoms that may be related to pregnancy or a medical condition, discontinue using the device and consult your physician before resuming wear.

Conditions. Apple Vision Pro won't detect all obstacles or conditions. Be aware of furniture and other obstacles, pets, and children before using the device while standing or moving. Clear any obstacles if necessary. Immersive experiences or loss of device power will block your ability to see. Avoid situations and obstacles that may cause the power cable to disconnect. Remove Apple Vision Pro immediately if a loss of system power occurs.

Surroundings. Always remain aware of your environment and body posture during use.

Apple Vision Pro is designed for use in controlled areas that are safe, on a level surface. Keep away from sharp objects and sources of excessive heat, and do not use it around stairs, balconies, railings, glass, mirrors, windows, or other hazards. Never use Apple Vision Pro while operating a moving vehicle, bicycle, heavy machinery, or in uncontrolled environments requiring attention to safety. It is your responsibility to maintain appropriate alternative backup or safety measures in controlled environments. Using the device in low light conditions may increase the risk of collision with objects in your environment.

Custom fit. Ensure Apple Vision Pro fits correctly. A proper fit, using the correct Light Seal and head band, is important to provide a comfortable and safe device experience. If you require vision correction, you must either wear contact lenses or purchase compatible ZEISS Optical Inserts, as eyeglasses are not compatible with the device. Using the device while wearing facial jewelry may increase the risk of injury.

After turning on Apple Vision Pro, you should see a single, clear image of your surroundings and content. The device features an interpupillary distance (IPD) adjustment, which requires you to press and hold the Digital Crown to adjust the lenses. Release the Digital Crown to stop movement if you feel contact on your nose.

Correct fitting and adjustment of your Apple Vision Pro is important for maximizing safety and comfort while using the device.

Duration. Extended periods of use may increase your risk of discomfort or injury. Take regular breaks, even if you don't think you need them, to give yourself time to adjust to Apple Vision Pro and new experiences. Stop using it immediately if you feel unwell or experience discomfort, such as nausea, dizziness, headache, numbness, eyestrain, eye pain, or a change in vision such as blurred or double vision. After using Apple Vision Pro, make sure you are feeling reoriented to your environment before engaging in activities that require balance, coordination, or spatial awareness. If any symptoms persist, consult your physician before resuming wear.

Handling. Handle Apple Vision Pro and its battery with care. They are made of metal, glass, and plastic and have sensitive electronic components inside. Apple Vision Pro and its battery can be damaged if dropped, burned, punctured, crushed, or if they come in contact with liquid. If you suspect damage to Apple Vision Pro or the battery, discontinue use, as it may cause overheating or injury. Don't use a damaged device or battery, such as one with cracked glass, visible liquid intrusion, or damaged parts or accessories, as it may cause injury.

Repairing. If Apple Vision Pro or its battery is damaged or malfunctioning, contact Apple for service.

Battery. The Apple Vision Pro battery should only be repaired by a trained technician to avoid battery damage, which could cause overheating, fire, or injury. Batteries should be recycled or disposed of separately from household waste and according to local environmental laws and guidelines. For information about battery service and recycling, see the [Battery Service and Recycling website](#).

Lasers. The near and far depth sensing systems in Apple Vision Pro contain one or more lasers. These laser systems may be disabled for safety reasons if the device is damaged or malfunctions. If you receive a notification on your device that the laser system is disabled, you should contact Apple for service. Improper repair, modification, or use of non-genuine Apple components in the laser systems may prevent the safety mechanisms from functioning properly and could cause hazardous exposure and injury to eyes or skin.

Liquid exposure. Apple Vision Pro and its battery are not designed to be water resistant. Keep your device and battery away from sources of liquid, such as drinks, oils, lotions, sinks, bathtubs, shower stalls, etc. Protect your device and battery from dampness, humidity, or wet weather, such as rain, snow, and fog.

Charging. Charge the battery using the USB-C Charge Cable (included) and an Apple USB-C power adapter (included). You can also charge the battery with third-party cables and power adapters that are compliant with USB-C and with applicable country regulations and international and regional safety standards. Other adapters may not meet applicable safety standards, and charging with such adapters could pose a risk of death or injury.

Using damaged cables or chargers, or charging when moisture is present, can cause fire, electric shock, injury, or damage to the device, the battery, or other property. When you use the charging cable (included), make sure its USB-C connector is fully inserted into a compatible power adapter before you plug the adapter into a power outlet. It's important to keep the device, the battery, the charging cable, and the power adapter in a well-ventilated area when in use or charging.

Charging cable and connector. Avoid prolonged skin contact with the USB-C Charge Cable and connectors when the charging cable is connected to the battery because they may cause discomfort or injury. Avoid sleeping or sitting on the cables or connectors.

Prolonged heat exposure. Apple Vision Pro, the battery, and Apple USB-C power adapters comply with required surface temperature limits defined by applicable country regulations and international and regional safety standards. However, even within these limits, sustained contact with warm surfaces for long periods of time may cause discomfort or injury. Use common sense to avoid situations where your skin is in contact with the device, the battery, and its power adapter when it's operating or connected to a power source for long periods of time. For example, don't sleep on the device, the battery, or its power adapter, or place them under a blanket, pillow, or your body, when it's connected to a power source. Keep your device and battery in a well-ventilated area when in use or charging. Never block or push anything into the device ventilation openings, as doing so may be dangerous and cause your device to overheat. Take special care if you have a physical condition that affects your ability to detect heat against the body.

USB-C power adapter. To operate an Apple USB-C power adapter safely and reduce the possibility of heat-related injury or damage, plug the power adapter directly into a power outlet. Don't use the power adapter in wet locations, such as near a sink, bathtub, or shower stall, and don't connect or disconnect the power adapter with wet hands. Stop using the power adapter and any cables if any of the following conditions exists:

- The power adapter plug or prongs are damaged.
- The charging cable becomes frayed or otherwise damaged.
- The power adapter is exposed to excessive moisture, or liquid is spilled into the power adapter.
- The power adapter has been dropped, and its enclosure is damaged.

Apple 30W USB-C power adapter specifications:

- Frequency: 50 to 60 Hz, single phase.
- Line Voltage: 100 to 240 V
- Output Voltage/Current: 20VDC/1.5A or 15VDC/2A or 9VDC/3A or 5VDC/3A
- Output Port: USB-C

Apple 40W/60W USB-C power adapter specifications:

- Frequency: 50 to 60 Hz, single phase.
- Line Voltage: 100 to 240 V
- Output Voltage/Current: 15-20VDC/2A or 9-15VDC/2.67A or 9VDC/3A or 5VDC/3A
- Continuous Sustained Power: 40W

- Maximum Output Power: 60W
- Output Port: USB-C

Hearing loss. Listening to sound at high volumes may damage your hearing. Background noise, as well as continued exposure to high volume levels, can make sounds seem quieter than they actually are. Check the volume before playing audio. For more information about hearing loss, see the Sound and Hearing website (apple.com/sound).

WARNING: To prevent possible hearing damage, do not listen at high volume levels for long periods.

Radio frequency exposure. Apple Vision Pro uses radio signals to connect to wireless networks. For information about radio frequency (RF) energy resulting from radio signals, and steps you can take to minimize exposure, go to Settings  > General > Legal & Regulatory > RF Exposure, or go to regulatoryinfo.apple.com/rfexposure.

Radio frequency interference. Observe signs and notices that prohibit or restrict the use of electronic devices. Although Apple Vision Pro is designed, tested, and manufactured to comply with regulations governing radio frequency emissions, such emissions from the device can negatively affect the operation of other electronic equipment, causing them to malfunction. When use is prohibited, such as while traveling in aircraft, or when asked to do so by authorities, turn off Apple Vision Pro, or use Airplane Mode or Settings  > Wi-Fi and Settings > Bluetooth to turn off the Apple Vision Pro wireless transmitters.

Medical device interference. Apple Vision Pro and its battery contain magnets as well as components and radios that emit electromagnetic fields. These magnets and electromagnetic fields might interfere with medical devices.

Consult your physician and medical device manufacturer for information specific to your medical device and whether you need to maintain a safe distance of separation between your medical device and Apple Vision Pro and its battery. Manufacturers often provide recommendations on the safe use of their medical devices around wireless or magnetic products to prevent possible interference. If you suspect Apple Vision Pro or its battery are interfering with your medical device, stop using Apple Vision Pro.

Medical devices such as implanted pacemakers and defibrillators may contain sensors that respond to magnets and radios when in close contact. To avoid any potential interactions with these medical devices, keep Apple Vision Pro and its battery a safe distance away from your medical device (more than 6 inches/15 cm, but consult with your physician and your device manufacturer for specific guidelines).

Explosive and other atmospheric conditions. Charging the battery or using the device in any area with a potentially explosive atmosphere, such as areas where the air contains high levels of flammable chemicals, vapors, or particles (such as grain, dust, or metal powders), may be hazardous. Exposing the device or battery to environments with high concentrations of industrial chemicals, including near evaporating liquified gases such as helium, may damage or impair the functionality of the device or battery. Obey all signs and instructions.

WARNING: Do not operate your device in areas with significant amounts of airborne dust, or smoke from cigarettes, cigars, ashtrays, stoves, or fireplaces, or near an ultrasonic humidifier using unfiltered tap water.

Repetitive motion. When you perform repetitive activities such as typing, swiping, or playing games on the device, you may experience discomfort in your hands, arms, wrists, shoulders, neck, or other parts of your body. If you experience discomfort, stop using the device and consult a physician.

High-consequence activities. Apple Vision Pro is not intended for use where the failure of the device could lead to death, personal injury, or severe environmental damage.

Choking hazard. Some device and battery parts and accessories may present a choking hazard to small children. Keep these parts and accessories away from small children.

Skin sensitivities. Some people may experience reactions to certain materials used in wearable items that are in prolonged contact with their skin. This can be due to allergies, environmental factors, extended exposure to irritants like soap, sweat, or other causes. You may be more likely to experience irritation from any wearable device if you have allergies or other sensitivities. If you have known skin sensitivities, take special care when using the device, battery, and accessories. You may be more likely to experience irritation from the device or accessories if you wear them too tightly. Remove the device periodically to allow your skin to breathe. Keeping the device and accessories clean and dry will reduce the possibility of skin irritation. If you experience redness, swelling, itchiness, or any other irritation or discomfort on your skin around, or beneath, your device, remove the device and consult your physician before resuming wear. Continued use, even after symptoms subside, may result in renewed or increased irritation.

For Australian customers, see the [Online Safety resources website](#).

Important handling information for Apple Vision Pro

Operating temperature. Apple Vision Pro is designed to work in ambient temperatures between 32° and 86° F (0° and 30° C) and stored in temperatures between -4° and 113° F (-20° and 45° C). Apple Vision Pro can be damaged and battery life shortened if stored or operated outside of these temperature ranges. Avoid exposing Apple Vision Pro to dramatic changes in temperature or humidity. When you're using Apple Vision Pro or charging the battery, it is normal for Apple Vision Pro or the battery to get warm.

If the interior temperature of the device or battery exceed normal operating temperatures (for example, in a hot car or in direct sunlight for extended periods of time), you may experience the following as it attempts to regulate its temperature:

- The battery stops charging.
- The displays dim.
- A temperature warning appears on the device.
- Some apps may close.

Important: You may not be able to use the device while the temperature warning is displayed. If the device can't regulate its internal temperature, it goes into deep sleep mode until it cools. Move the device to a cooler location out of direct sunlight and wait a few minutes before trying to use it again.

Cleaning. Clean the device or battery immediately if it comes in contact with anything that may cause stains, or other damage—for example, dirt or sand, ink, makeup, soap, detergent, acids or acidic foods, or lotions. To clean:

- Turn off the device and disconnect the power cable.
- *To clean device eyepieces and compatible ZEISS vision correction accessories:* Follow manufacturer instructions.
- *To clean the remainder of the device and battery:* Use a soft, clean, lint-free cloth—for example, a lens cloth.
- Avoid getting moisture in openings. Don't spray liquid directly on the device or battery.
- Don't use cleaning products or compressed air.

For more information about cleaning, see [Clean your Apple Vision Pro](#).

Using connectors, ports, and buttons. Never force a connector into a port or apply excessive pressure to a button, as this may cause damage. If the connector and port don't join with reasonable ease, they probably don't match. Check for obstructions and make sure that the connector matches the port and that you have positioned the connector correctly in relation to the port.

Using the cables. Certain usage patterns can contribute to the fraying or breaking of cables. The cables, like any other metal wire or cable, are subject to becoming weak or brittle if repeatedly bent in the same spot. Aim for gentle curves instead of angles in the cables. Regularly inspect the cables and connectors for any kinks, breaks, bends, or other damage. Should you find any such damage, discontinue use of the cable.

Carrying your device and battery. Use a protective case when transporting your device or battery. Make sure there are no loose items in the protective case (such as paper clips or coins) that could accidentally get inside the device, such as through vent openings, or otherwise damage the device, battery, or accessories.

Storing your device and battery. If you're going to store your device or battery for an extended period of time, keep it in a cool location (ideally, 71° F or 22° C) and discharge the battery to 50 percent. When storing your battery for longer than five months, maintain the capacity of the battery by charging the battery to 50 percent every six months or so.

Basic controls and shortcuts

Turn on and set up Apple Vision Pro

When you turn on Apple Vision Pro for the first time, you're guided through the simple setup process—all you need is a Wi-Fi connection. If you have an iPhone with iOS 17 or later, or an iPad with iPadOS 17 or later, you can also transfer your data to your new Apple Vision Pro using Quick Start.

Before you begin

- [Adjust the fit of your Apple Vision Pro](#) before turning it on.
- [Charge the battery](#).

Complete setup

1. Connect the battery to Apple Vision Pro. When you hear a tone, it's ready to wear. See [Connect the battery to Apple Vision Pro](#).

If you connect the battery and you don't hear a tone after 30-45 seconds, press and hold the [top button](#) for a few seconds to turn on your Apple Vision Pro.

2. Position Apple Vision Pro on your face, then slide the head band over the back of your head and adjust until secure. The displays turn on when Apple Vision Pro detects your eyes.
3. Choose one of the following:
 - *Use Quick Start:* If you have an iPhone with iOS 17 or iPad with iPadOS 17 or later, you can use Quick Start to automatically set up your new device. Bring the two devices close together, then follow the instructions.
 - *Set Up Manually:* If you don't have an iPhone with iOS 17 or iPad with iPadOS 17 or later, double-click the Digital Crown to set up manually.
4. Follow the instructions to set up Apple Vision Pro. You'll complete steps such as the following:
 - Complete eye and hand setup
 - Sign in to your [Apple Account](#)

Note: Children under 13 years of age can't sign in to their Apple Account on Apple Vision Pro. Children ages 13 years and older should be supervised by an adult while using Apple Vision Pro.

 - Capture your Persona
 - Learn basic gestures

To learn more about gestures and hardware controls, see [Learn basic gestures and controls on Apple Vision Pro](#).

If you need Accessibility features during setup, do any of the following:

- *Turn on VoiceOver:* Triple-click the [Digital Crown](#).
- *See and activate other accessibility features:* Triple-click the top button.

To learn more, see [Get started with accessibility features on Apple Vision Pro](#).

Related

[What does EyeSight show?](#)

[Wake and unlock Apple Vision Pro](#)

[Enter text and use Dictation on Apple Vision Pro](#)

[Let others use your Apple Vision Pro](#)

[Apple Platform Deployment User Guide: Deploy Apple Vision Pro](#)

Wake and unlock Apple Vision Pro

When you take off Apple Vision Pro (without disconnecting the battery or shutting it down), it turns off the displays to save power, locks for security, and goes to sleep. You can quickly wake and unlock Apple Vision Pro when you want to use it again.

If you disconnect the battery or shut down Apple Vision Pro, you'll need to turn it on again before you can use it. See [Complete setup](#).

Wake Apple Vision Pro

Put on your Apple Vision Pro. The displays turn on when Apple Vision Pro detects your eyes.

You may be prompted to press and hold the [Digital Crown](#) to align the position of the displays to match your eyes. See [Adjust display alignment on Apple Vision Pro](#).

Unlock with Optic ID or your passcode

If you didn't create a passcode or enable Optic ID during setup, see [Set or change the passcode](#) or [Use Optic ID](#).

Put on Apple Vision Pro to wake it, then do one of the following:

- *Unlock with Optic ID:* Look at  until Apple Vision Pro unlocks.

You must use a passcode instead of Optic ID at certain times—for example, when you restart Apple Vision Pro, or it's been more than 48 hours since you last unlocked Apple Vision Pro. However, you can use your iPhone to enable Optic ID when you'd normally have to use your passcode. See [Use your iPhone to enable Optic ID](#).

- *Unlock with passcode:* Enter your passcode.

Related

[Turn on and set up Apple Vision Pro](#)

[Learn basic gestures and controls on Apple Vision Pro](#)

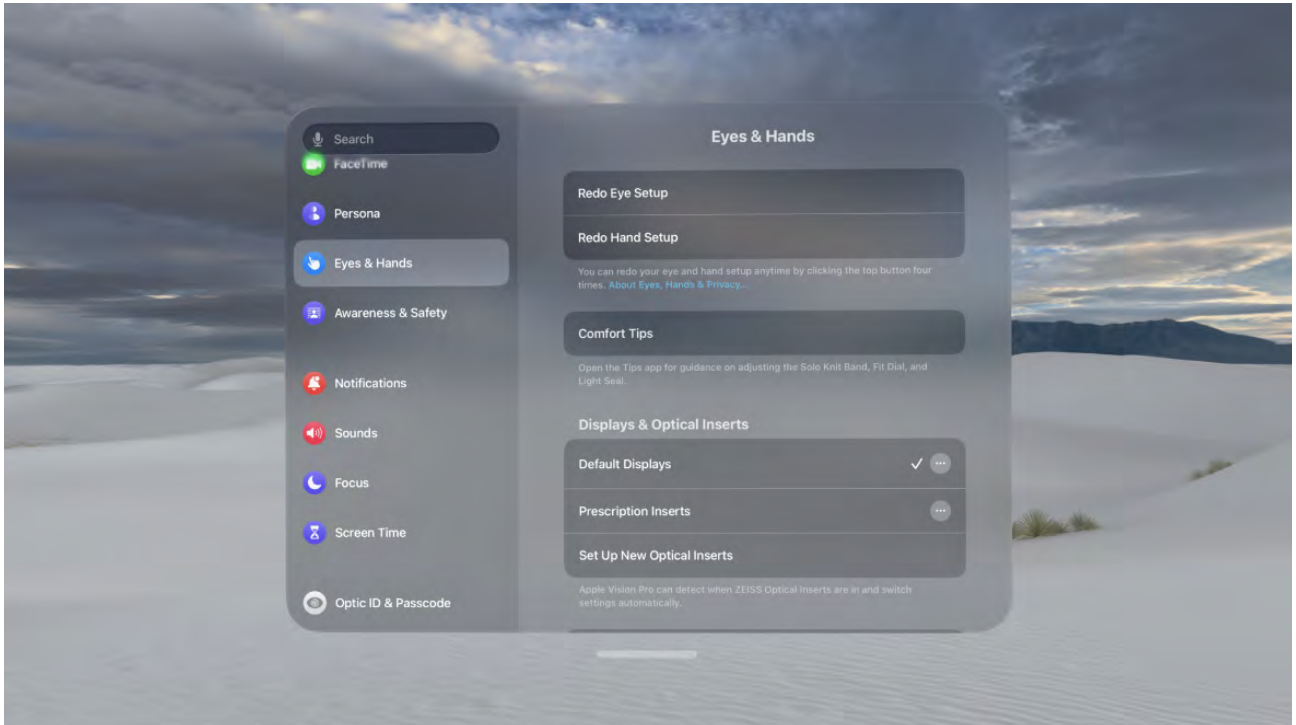
[Enter text and use Dictation on Apple Vision Pro](#)

[Connect the battery to Apple Vision Pro](#)

Redo eye and hand setup on your Apple Vision Pro

You can redo eye and hand setup at any time. You can also add ZEISS Optical Inserts if you need visual correction. See [Use ZEISS Optical Inserts for vision correction with Apple Vision Pro](#).

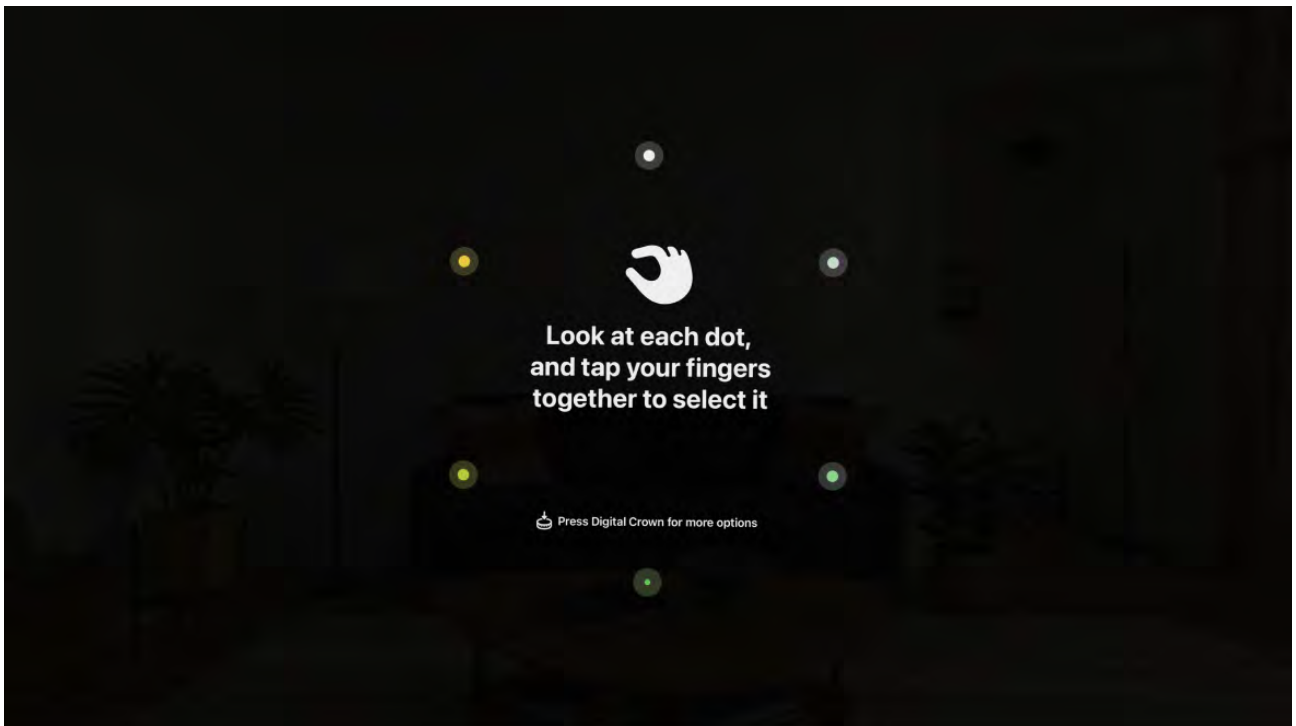
Note: If you want to let others use your Apple Vision Pro, turn on Guest User. They'll complete eye and hand setup when they put on the device, and your settings return when they stop using it. See [Let others use your Apple Vision Pro](#).



Quickly redo eye and hand setup

Quadruple-click the [top button](#), then follow the instructions.

Redo eye setup only

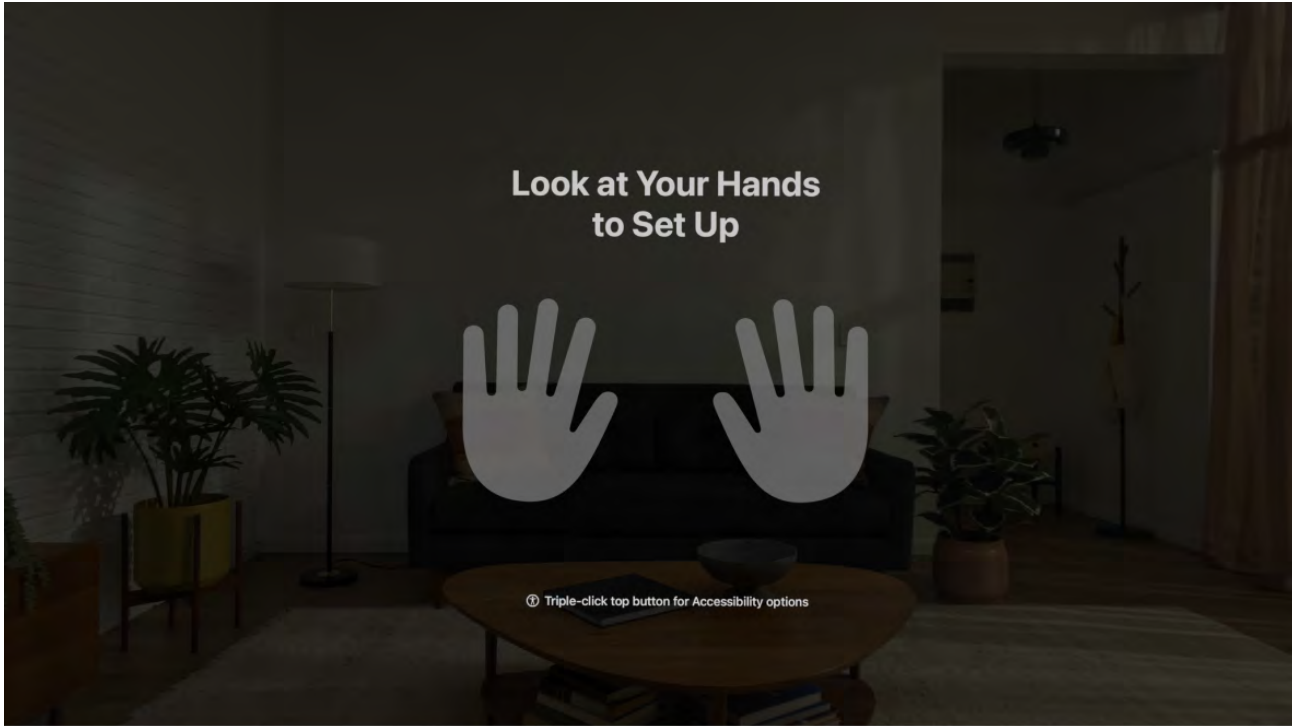


To ensure the best results, remain stationary during eye setup.

Do any of the following:

- Go to Settings  > Eyes & Hands > Redo Eye Setup, then follow the instructions.
- To start eye setup with Siri, say, “Siri, set up eyes.”

Redo hand setup only



Do any of the following:

- Go to Settings  > Eyes & Hands > Redo Hand Setup, then follow the instructions.
- To start hand setup with Siri, say, “Siri, set up hands.”

Change input settings

If tapping your thumb and index finger together isn't an option, you can change your settings.

Go to Settings  > Eyes & Hands > Hand Input, then choose an option.

Related

[Turn on and set up Apple Vision Pro](#)

[Learn basic gestures and controls on Apple Vision Pro](#)

[Enter text and use Dictation on Apple Vision Pro](#)

[Set up and activate Siri on Apple Vision Pro](#)

[Use a pointer to navigate your Apple Vision Pro](#)

Learn basic gestures and controls on Apple Vision Pro

You can easily interact with Apple Vision Pro using your hands, eyes, and voice, along with the Digital Crown and top button.



Use eyes and hands to navigate visionOS

(table aria-label=Hand and eye gestures)

Action	What can I do with this gesture?	Instruction
Tap your fingers together (or simply “tap”)	Select options, open apps	Look at content (like an app icon or button), then tap your index finger and thumb together to select it.
Touch	Type, interact in interactive experiences	Interact with certain elements directly with your fingers. For example, you can touch keys on the virtual keyboard, similar to typing on a physical keyboard.
Pinch and hold	Show additional options, zoom in and out	Pinch and hold your thumb and index finger together. For example, pinch and hold  at the bottom of an app to see additional options (such as to close other apps). You can also pinch and hold with both hands and pull apart to zoom in, or move them closer to zoom out.
Pinch and drag	Move windows, scroll	Pinch and hold to grab a window bar, photos, content, or an object, then drag it wherever you like. For example, you can pinch and drag the window bar of an app, or a shape in a Freeform board.

You can also pinch and drag to scroll. For example, in Photos, you can scroll up or down through your albums. [Swipe](#) to scroll quickly; tap to stop scrolling.

Swipe	Scroll quickly	Pinch and quickly flick your wrist.
Look to Scroll	Scroll up, down, or side-to-side	Look at the edge of a window—like the bottom of a webpage, or the side of a row in the Music app—to scroll. To stop scrolling, look toward the middle of the window.
Open Home View	See your apps	Look at your palm, then tap  .
Open Control Center	See the status bar and open Control Center	Look at your palm, then flip your hand over. Tap the status bar to open Control Center.
Adjust volume	See the current volume and adjust the volume	Look at your palm, flip your hand over to see the current volume in the status bar, then pinch and drag the volume slider. See Adjust volume on Apple Vision Pro .

Use the Digital Crown and top button

(table aria-label=Use the Digital Crown and top button)

Action	Instruction
Open Home View	Press the Digital Crown.
Recenter your content in your view	Press and hold the Digital Crown.
Adjust immersion or volume	Turn the Digital Crown. You may also need to look at either  or  while turning the Digital Crown. See Adjust volume on Apple Vision Pro . You can also change the default focus when you turn the Digital Crown. Go to Settings  > Digital Crown, then choose Immersion or Volume.
Switch between your surroundings and digital content	Double-click the Digital Crown to switch to a view of your surroundings. To return to your experience, press the Digital Crown once.
Open Capture	Press the top button. See Capture, view, and share spatial photos and videos on Apple Vision Pro .
Capture a still image of your view	Simultaneously press and release the top button and Digital Crown.
Use the Accessibility Shortcut	Triple-click the Digital Crown.
Force quit an app	Simultaneously press and hold the top button and Digital Crown until you see Force Quit Applications, tap the name of the app you want to close, then tap Force Quit.
Turn on	Press and hold the top button until the Apple logo appears on the front display (the power cable light also comes on).
Turn off	Simultaneously press and hold the top button and Digital Crown until the sliders appear (Force Quit Applications will appear first), then drag the top slider to power off. Or go to Settings > General > Shut Down.
Force restart	Simultaneously press and hold the top button and Digital Crown until Apple Vision Pro powers off (Force Quit Applications and the power slider will appear first).

Related

[Turn on and set up Apple Vision Pro](#)

[Wake and unlock Apple Vision Pro](#)

[Take a capture or recording of your view on Apple Vision Pro](#)

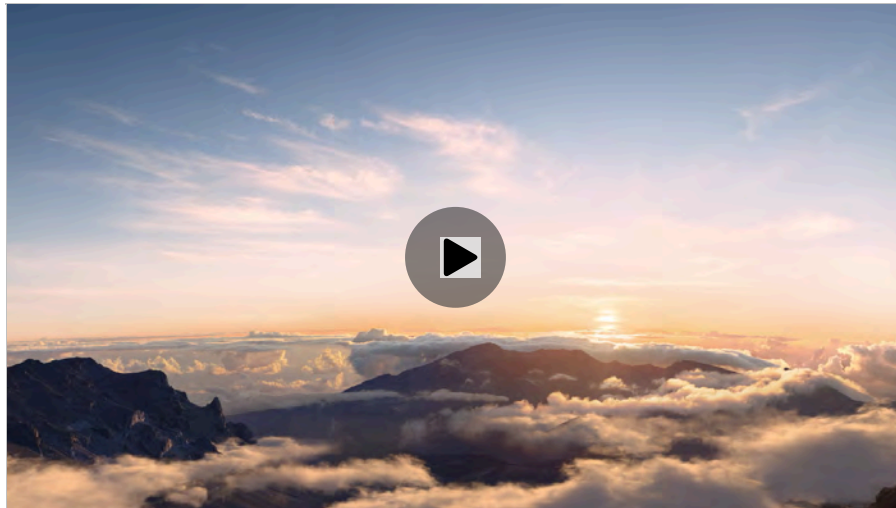
[Recenter your view on Apple Vision Pro](#)

[Use accessibility shortcuts on Apple Vision Pro](#)

Adjust volume on Apple Vision Pro

There are a few ways you can adjust the volume on Apple Vision Pro.

- Look at your palm, flip your hand over to see the status bar, then pinch and drag the volume slider.



No text track for this video.

- Turn the [Digital Crown](#), then look at  near the top of your view (on the right) while you turn.

You can also change the default focus for the Digital Crown. Go to Settings  > Digital Crown, then choose an option.

- Look at your palm, flip your hand over, then tap the status bar to open Control Center. Drag the volume slider.

You can also separately adjust the volume of the audio coming from apps you're using or the people you're talking to on a call. Pinch and hold the volume control, then adjust the volume slider for Apps or People.



- To adjust the volume of something you're watching or listening to, open Control Center, tap the name of the song, podcast, or show, then drag the volume slider.
- To adjust the volume of sounds in your Environment, open Control Center, tap the name of the Environment, then drag the volume slider. See [Use Environments on Apple Vision Pro](#).
- Use Siri. Say something like, "Siri, set volume to 100%," or "Siri, lower the volume."

Related

[Learn basic gestures and controls on Apple Vision Pro](#)

[Open Control Center on Apple Vision Pro](#)

Enter text and use Dictation on Apple Vision Pro

You can type using a virtual keyboard on Apple Vision Pro and use gestures to select and edit text.

You can also connect your Magic Keyboard, Magic Trackpad, or Magic Mouse, or use Dictation to enter text with your voice.

Enter text with the virtual keyboard

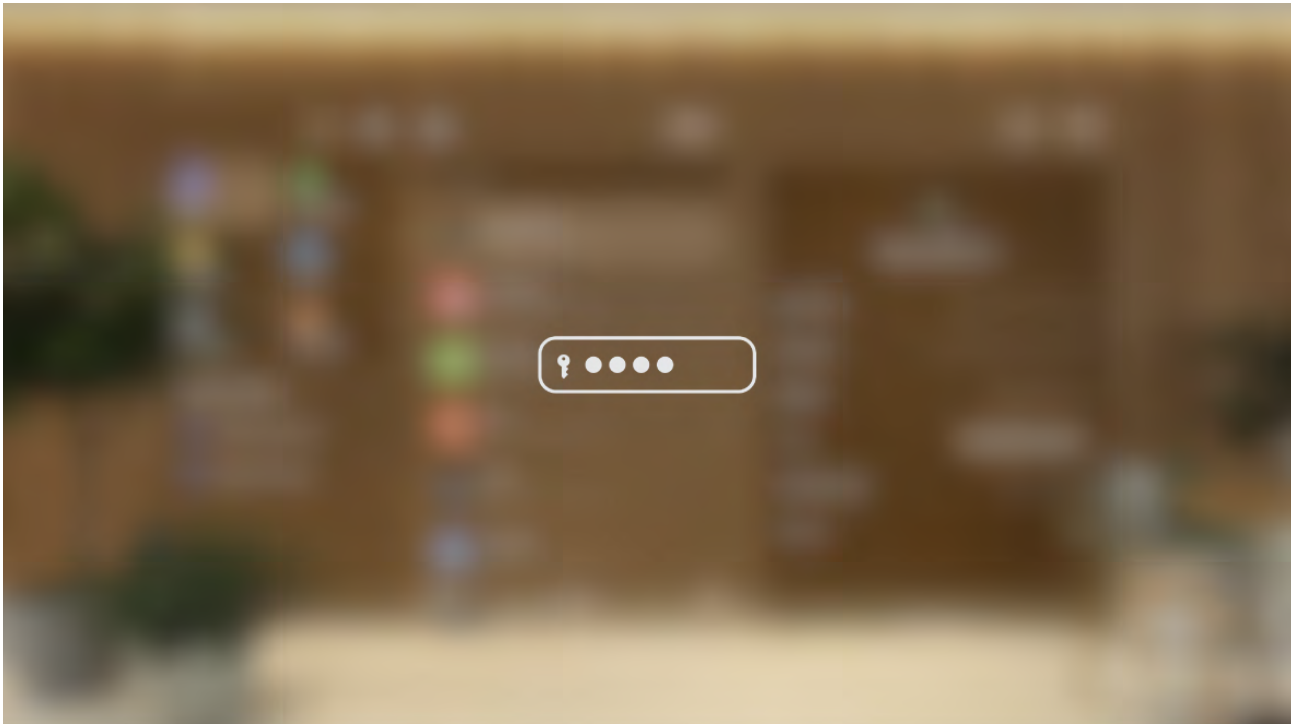
Tap a text field, such as a note in the Notes app 📝 or text box in the Freeform app 🖋️, then do any of the following to type:

- Look at each key, then tap your fingers together to type.
- Touch keys on the virtual keyboard (using up to one finger on each hand).
- Pinch and hold, or directly touch and hold, a letter (such as A or N) to show special characters and accents.

The text you're entering appears in the preview at the top of the keyboard.

If you don't see the virtual keyboard, try recentering your view—just press and hold the [Digital Crown](#). In some cases, like when you're using a Bluetooth keyboard, a minimized version of the virtual keyboard appears; to see the keyboard, tap  in the corner.

If you're typing a password or passcode, you can see it in the preview at the top of the keyboard. If you're sharing your view, others won't see your password or passcode as you type.



You can also use the window bar to move the keyboard, or pinch and drag one of the bottom corners of the keyboard to resize it.

Enter text with Dictation

Anywhere you see  (like in the virtual keyboard), tap it to enter text with your voice.

Tip: In some text fields (like in Safari 🌐 and Messages 💬), you can simply look at  in the search field and start speaking to enter text.

Note: Dictation may not be available in all languages or in all countries or regions, and features may vary.

In visionOS 2.4 or later, you can use commands to edit text while you're dictating.

Use any of the following commands:

(table aria-label=Dictation editing commands)

Command	Result
Change [text] to [text]	Replace an existing word or phrase with a new one
Insert [text] before/after [text]	Insert a new word or phrase before or after an existing one
Select [text]	Select a word or phrase
Delete [text]	Delete a word or phrase
Undo/Redo	Undo or redo your last action

If you don't want the option to look at  to dictate, go to Settings  > Eyes & Hands, then turn off Look to Dictate.

Move, select, and delete text

Do any of the following:

- *Move the insertion point:* Pinch and drag it. Be sure to pinch and drag in the text field or the canvas of the app where you're typing—not in the preview at the top of the virtual keyboard.
- *Select text:* Double-tap a word in the text field (not in the preview at the top of the virtual keyboard), then pinch and drag either end of the selected text to include more or less text in the selection.
- *Delete a few characters:* Tap or touch the Delete key. Pinch and hold, or touch and hold, to quickly delete several characters at a time.
- *Remove larger amounts of text:* Select all the text you want to delete, then tap or touch the Delete key.

Change typing assistance options for all keyboards

You can change options for auto-correction, smart punctuation (for example, whether two hyphens automatically change to a dash), and more. These settings apply to your virtual keyboard and external keyboard.

1. Go to Settings  > General, then tap Keyboard.
2. In the list below All Keyboards, turn typing features on or off.

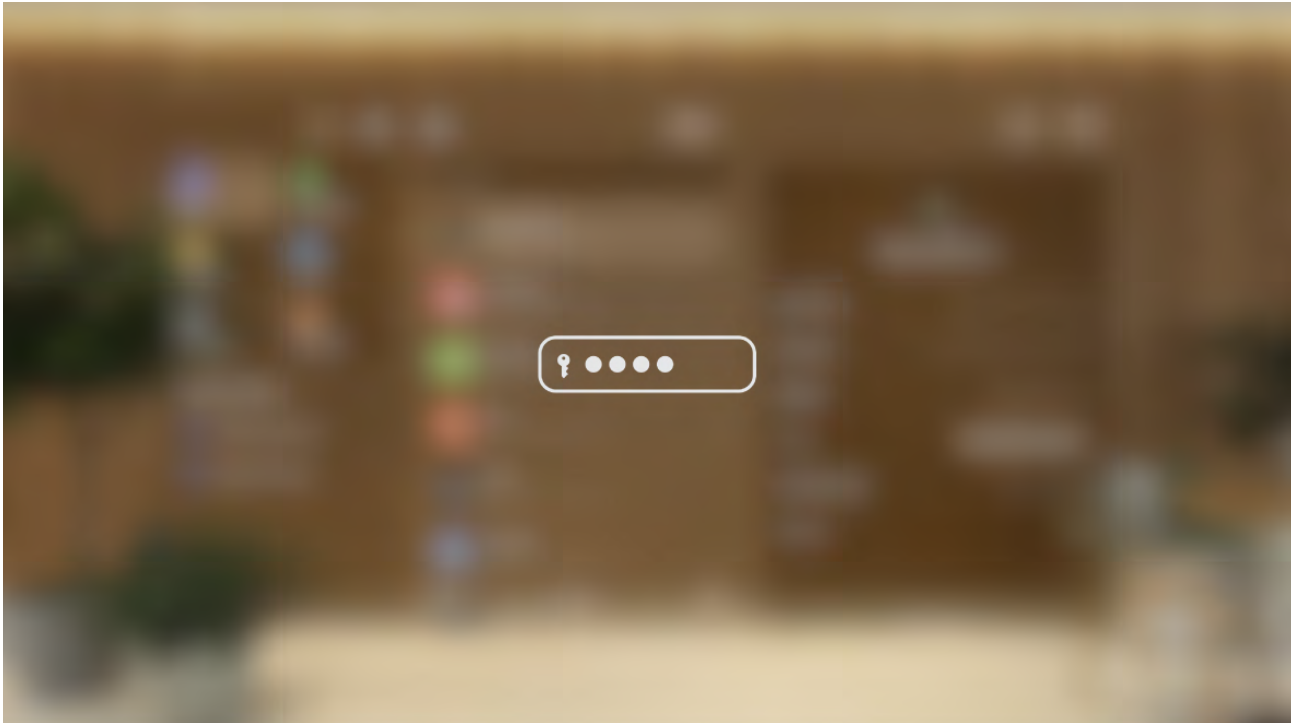
Related

[Learn basic gestures and controls on Apple Vision Pro](#)

Take a capture or recording of your view on Apple Vision Pro

You can capture what's in your view as a still image or recording. Everything you see in your view will be included, including your physical room, Environment, and apps.

Note: Your view is obscured when entering a password or passcode.



When you take a capture or recording, it's automatically saved to Photos 📷.

Capture a still image of your view

Do either of the following:

- Simultaneously press the [Digital Crown](#) and the [top button](#).
- Say, "Siri, take a screenshot."

Record your view

1. Open [Control Center](#), then tap Record My View.

If Record My View isn't available, go to Settings  > Control Center to add it. See [Add or remove Control Center options](#).

2. To stop recording, open Control Center, then tap Record My View again.

Your view recording is saved to the Photos app.

To share your view with others on a compatible screen (like a TV), see [Use View Mirroring or AirPlay Receiver on Apple Vision Pro](#).

Related

[View photos, videos, and memories in Photos on Apple Vision Pro](#)

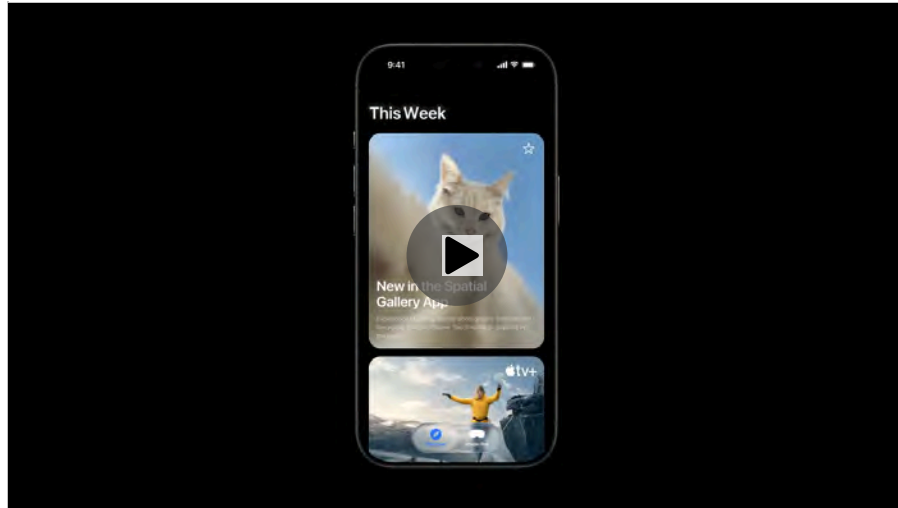
[Capture, view, and share spatial photos and videos on Apple Vision Pro](#)

Set up the essentials

Use the Apple Vision Pro app on iPhone

The Apple Vision Pro app on your iPhone keeps you up to date on the latest content and spatial experiences for your Apple Vision Pro. You can also see info about your device, discover something new with Tips, and more.

Note: The Apple Vision Pro app is installed automatically on your iPhone if your iPhone has iOS 18.4 or later installed, and you have an Apple Vision Pro (with visionOS 2.4 or later) signed into the same Apple Account.



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Use the Apple Vision Pro app

1. Go to the Apple Vision Pro app  on your iPhone.
2. Do any of the following:
 - *See recommended movies, apps, and more:* Scroll through the Discover page.
 - *See information about your device, tips, and more:* Tap My Vision Pro.

Download apps to your Apple Vision Pro

You can use the Apple Vision Pro app to find and install apps for your Apple Vision Pro.

1. Go to the Apple Vision Pro app  on your iPhone.
2. Tap an App Store card on the Discover page.

If you don't see the Discover page, tap Discover at the top.
3. Tap the price or Get button next to the app you want to install on your Apple Vision Pro.
4. If required, authenticate with Face ID, Touch ID, or your passcode to complete your purchase.

The app is automatically downloaded and installed on your Apple Vision Pro the next time you use your device.

Add shows and movies to your watchlist

You can use the Apple Vision Pro app to add shows and movies to your watchlist in the TV app on Apple Vision Pro.

1. Go to the Apple Vision Pro app  on your iPhone.

2. Tap an Apple TV card on the Discover page, then tap Add to Watchlist.

If you don't see the Discover page, tap Discover at the top.

Add content from Spatial Gallery to Favorites

From your iPhone, you can add Spatial Gallery content to your Favorites to view on Apple Vision Pro later.

1. Go to the Apple Vision Pro app  on your iPhone.
2. When you see a Spatial Gallery card on the Discover page for content you want to look at later, tap .

View or scan your vision prescription information

The Apple Vision Pro app gives you quick access to your vision prescription so you can scan it in when you're using someone else's Apple Vision Pro.

1. Go to the Apple Vision Pro app  on your iPhone.
2. Tap My Vision Pro, then scroll down to Prescription Inserts and do either of the following:
 - *Use your prescription on someone else's Apple Vision Pro:* While in Guest User on someone else's device, scan the Prescription Inserts barcode.
 - *View or edit your prescription:* Tap View in Health to view your prescription, then tap Edit to make changes.

Find settings on Apple Vision Pro

In the Settings app , you can search for settings you want to change, such as your passcode, Environment settings, and more.

1. Press the [Digital Crown](#) to open [Home View](#).

If you don't see your apps, look at the [tab bar](#) on the left, then tap Apps .

2. Tap Settings , then do one of the following to find the setting you want:
 - Scroll through the settings on the left, then tap the one you want.
 - Select the search field, enter a term—"volume," for example—then choose a setting in the search results.
 - Look at  in the search field, say what you're looking for (instead of typing), then choose a setting in the search results.

Related[Search on Apple Vision Pro](#)[Open Home View and use the tab bar on Apple Vision Pro](#)[Learn basic gestures and controls on Apple Vision Pro](#)

Connect Apple Vision Pro to the internet

Connect your Apple Vision Pro to the internet by using an available Wi-Fi network.

Connect Apple Vision Pro to a Wi-Fi network

1. Go to Settings  > Wi-Fi, then turn on Wi-Fi.
2. Tap a network, then enter the password (if required).

To join a hidden network, tap Other, then enter the name of the network, the security type, and password.

If  appears at the top of [Control Center](#), Apple Vision Pro is connected to a Wi-Fi network. (To verify this, open Safari to view a webpage.) Apple Vision Pro reconnects when you return to the same location.

Join a Personal Hotspot

If an iPhone or an iPad (Wi-Fi + Cellular) is sharing a Personal Hotspot, you can use its cellular internet connection.

1. Go to Settings  > Wi-Fi, then choose the name of the device sharing the Personal Hotspot.
2. If asked for a password on your Apple Vision Pro, enter the password shown in Settings  > Cellular > Personal Hotspot on the device sharing the Personal Hotspot.

If  appears at the top of [Control Center](#), Apple Vision Pro is connected to a Personal Hotspot. (To verify this, open Safari to view a webpage.)

View and copy a password for a Wi-Fi network

1. Go to Settings  > Wi-Fi.

If you're connected to a Wi-Fi network, its name appears at the top of the window. To see a list of all saved Wi-Fi networks, tap Edit at the top right.

2. Tap  next to a network name.
3. Tap the Password field.

4. To copy the password to use elsewhere, tap Copy.

Turn off Wi-Fi

To completely disable Wi-Fi and disconnect from all networks and devices, go to Settings  > Wi-Fi, then turn off Wi-Fi.

Turning on Airplane Mode may also turn off Wi-Fi, unless you turned it on while in Airplane Mode. See the Apple Support article [Use Airplane Mode on your iPhone, iPad, iPod touch, Apple Watch, and Apple Vision Pro](#).

Related

[Open Control Center on Apple Vision Pro](#)

[Find settings on Apple Vision Pro](#)

[Learn the meaning of status icons on Apple Vision Pro](#)

[Learn basic gestures and controls on Apple Vision Pro](#)

Sign in to your Apple Account on Apple Vision Pro

Your Apple Account is the account you use to access Apple services such as the App Store, Apple Music, FaceTime, iCloud, and more—so all your devices work together seamlessly.

Note: Children under 13 years of age can't sign in to their Apple Account on Apple Vision Pro. Children ages 13 years and older should be supervised by an adult while using Apple Vision Pro.

Sign in to your Apple Account

If you didn't sign in during setup, do the following:

1. Go to Settings , then tap Sign in to your Apple Vision Pro.
2. Enter your Apple Account email address or phone number, then enter your password.

If you don't have an Apple Account, you can create one.

3. If you protect your account with two-factor authentication, enter the six-digit verification code.

If you forgot your Apple Account email address, phone number, or password, see the [Recover Your Apple Account website](#).

Change your Apple Account settings

1. Go to Settings  > [your name].
2. Do any of the following:

- Update your contact information
- Change your password
- Add or remove Account Recovery Contacts
- View and manage your subscriptions
- Update your payment methods or billing address
- Manage Family Sharing subscriptions, shared purchases, and more

You can turn on Guest User to share your Apple Vision Pro with someone else (without signing out of your Apple Account). See [Let others use your Apple Vision Pro](#).

Related

[Use iCloud on Apple Vision Pro](#)

[Let others use your Apple Vision Pro](#)

[Find settings on Apple Vision Pro](#)

[Learn basic gestures and controls on Apple Vision Pro](#)

Use iCloud on Apple Vision Pro

iCloud securely stores your photos, videos, documents, backups, and more—and keeps them updated across all your devices—automatically. With iCloud, you can also share photos, calendars, notes, folders, and files with friends and family. iCloud provides you with an email account and 5 GB of free storage for your data. For more storage and additional features, you can subscribe to iCloud+.

Change your iCloud settings

Sign in to your Apple Account, then do the following:

1. Go to Settings  > [your name] > iCloud.
2. Turn on the features you want to use—such as Photos, iCloud Drive, iCloud Backup, and more.

For information on how to customize iCloud features on your other devices, see “Set up iCloud and change settings on all your devices” in the [iCloud User Guide](#).

Ways to use iCloud on Apple Vision Pro

iCloud can keep your Apple Vision Pro backed up automatically. See [Back up Apple Vision Pro](#).

You can also keep other information, such as the following, stored in iCloud and kept up to date across your Apple Vision Pro and other Apple devices:

- Photos and videos; see [Use iCloud Photos on Apple Vision Pro](#).
- Files and documents; see [Turn on iCloud Drive](#).
- Contacts, Calendars, Notes, and Reminders
- Data from compatible third-party apps and games
- Messages threads; see [Set up Messages on Apple Vision Pro](#).
- Passwords and payment methods; see [Create, view, and edit passwords on Apple Vision Pro](#).
- Safari bookmarks and open tabs; see [Bookmark websites in Safari on Apple Vision Pro](#) and [Use tabs and Tab Groups in Safari on Apple Vision Pro](#).

You can also access your iCloud data on iPhone, iPad, Mac, Apple Watch, Apple TV, your Windows computer, and iCloud.com. To learn more about the available features and how they work across all your devices, see the [iCloud User Guide](#).

Related

[Use Hide My Email in Safari on Apple Vision Pro](#)

[Find settings on Apple Vision Pro](#)

[Learn basic gestures and controls on Apple Vision Pro](#)

Set a passcode and use Optic ID to unlock Apple Vision Pro

For better security, set a passcode that needs to be entered to unlock Apple Vision Pro when you turn it on or wake it. You can also set up and use Optic ID to conveniently unlock Apple Vision Pro, authorize purchases and payments, and sign in to many third-party apps with the uniqueness of your iris. Optic ID data is encrypted and never leaves your device.

Set or change the passcode

1. Go to Settings  > Optic ID & Passcode.
2. Do any of the following:
 - *Set a passcode:* Tap Turn Passcode On, then enter your passcode.
 - *Change your passcode:* Tap Change Passcode.

Turn off the passcode

1. Go to Settings  > Optic ID & Passcode.
2. Choose Turn Passcode Off.

Erase data after 10 failed passcodes

You can set Apple Vision Pro to erase all information, media, and personal settings after 10 consecutive failed passcode attempts.

1. Go to Settings  > Optic ID & Passcode.
2. Turn on Erase Data.

After all data is erased, you must [restore Apple Vision Pro from a backup](#) or [set it up](#) again.

Use Optic ID

1. Go to Settings  > Optic ID & Passcode.
2. Tap Set up Optic ID, then follow the instructions.

You can reset Optic ID or change what Optic ID is used for at any time.

After you set a passcode, you can use Optic ID to unlock Apple Vision Pro. For additional security, you must enter your passcode to unlock your Apple Vision Pro under certain conditions, such as when:

- You turn on or restart your Apple Vision Pro.
- There are five unsuccessful attempts to unlock your Apple Vision Pro with Optic ID.
- You haven't [set up your iPhone to enable Optic ID](#).

Use your iPhone to enable Optic ID

If you're signed in to the same Apple Account on your iPhone and Apple Vision Pro, you can use your iPhone to enable Optic ID even when you'd normally have to use your passcode.

1. Go to Settings  > Optic ID & Passcode.
2. Tap your iPhone below Nearby iPhone Enables Optic ID.

Optic ID will be available if your iPhone is nearby and has been unlocked in the past hour.

Related

[Create, view, and edit passwords on Apple Vision Pro](#)

[Change weak or compromised passwords on Apple Vision Pro](#)

[Keep your Apple Account secure on Apple Vision Pro](#)
[Learn basic gestures and controls on Apple Vision Pro](#)

Capture your Persona and use EyeSight

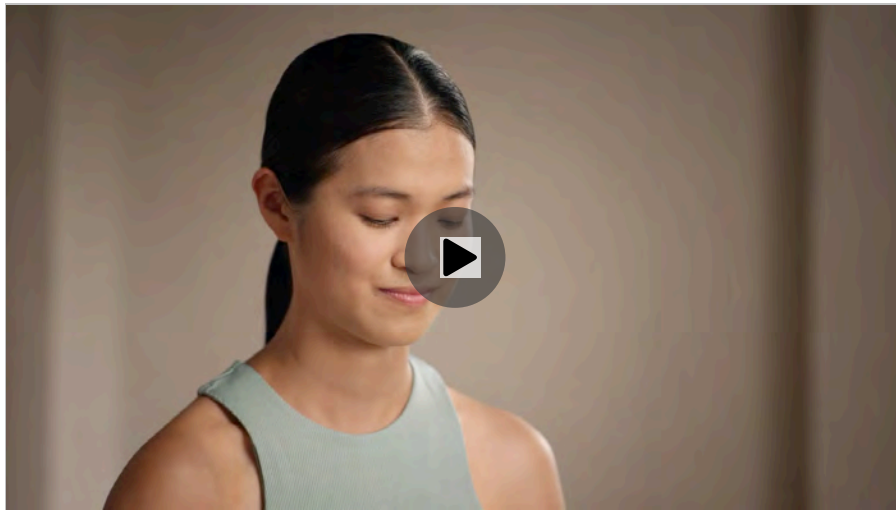
Capture and edit your Persona on Apple Vision Pro

Your Persona is a dynamic, natural representation of your face and hand movements that can be used while you're wearing Apple Vision Pro. You can use your Persona in a [FaceTime](#) call, or in another app that uses the Persona Virtual Camera to show your Persona.

After you capture your Persona, EyeSight is personalized to show your eyes to others nearby. See [What does EyeSight show?](#)

Capture your Persona

You can capture your Persona when you set up your Apple Vision Pro, or later in Settings . After you capture your Persona, you can adjust the lighting, temperature, and brightness of your Persona, as well as add glasses for a personal touch.



No text track for this video.

1. Go to Settings  > Persona, then tap Get Started.
2. Refine your hand setup, then watch the tutorial video to learn the best practices to capture your Persona.

If you've watched the video before, you can tap Continue to skip it.

3. Tap Begin Capture.
4. When instructed, take off Apple Vision Pro, hold it by the frame and turn it around so the front is facing you at eye level, then follow the spoken instructions.

The instructions prompt you to turn your head in different directions and make various expressions while you hold Apple Vision Pro in front of you.

If you aren't able to hear the instructions, visuals on the front display also appear to guide you through the process:

- *Directional arrows*: Slowly turn your head in the indicated direction.
- *Four rings*: Smile with your mouth closed.
- *Three rings*: Make a big smile with your teeth showing.
- *Two rings*: Raise your eyebrows.
- *One ring*: Close your eyes for a moment.
- *No rings*: Put Apple Vision Pro back on.

Tip: If you're not able to perform one of the facial expressions, double-click the Digital Crown to skip that expression.

5. After you capture your Persona, you can edit it by adjusting the lighting, temperature, and brightness, or selecting a pair of glasses.

For example, tap Studio to brightly light your Persona, or tap Contour to add dramatic shadows with highlights and lowlights.

Tap Done after editing your Persona details, or tap < to go back to other settings.

6. When you finish making changes, tap Save.

Capture your Persona without holding Apple Vision Pro

If you have trouble holding Apple Vision Pro, you can use Hands-Free Capture and place it on a surface at eye level, or have someone else hold it during the capture process.

1. Go to Settings  > Persona, then tap Get Started.
2. After you refine your hands, tap , then turn on Hands-Free Capture.

You can turn on Hands-Free Capture during the tutorial video, or after you watch it.

3. Tap Save in the top-right corner.

4. When instructed, take off Apple Vision Pro, set it down at eye level (or have someone else hold it), then follow the spoken instructions.

Tips for capturing your Persona

- Take your time getting ready. Capturing won't start until you're holding your Apple Vision Pro at eye level.

If you don't start the capture within 15 minutes, it's cancelled. You can restart the capture after you put your Apple Vision Pro back on.

- Find a space with front-facing, even lighting, so your face is well lit and there aren't strong shadows on your face.

If possible, use natural light or cool-temperature lights. Avoid having bright windows or lamps behind or beside you.

- Stand or sit in front of a simple, neutral background without too many details.
- Avoid other people in the background during your capture.
- Stay in the same location and position during the capture process.
- Relax your shoulders while holding Apple Vision Pro.

Edit or recapture your Persona

After you capture your Persona, you can adjust the lighting or select a pair of glasses. You can also recapture your Persona at any time—for example, to reflect a change in your hairstyle or outfit.

When you recapture your Persona, EyeSight is also automatically updated.

1. Go to Settings  > Persona.
2. Tap Edit Details or Recapture.

Choose a default background for your Persona

For apps other than FaceTime, you can choose the virtual background that appears behind your Persona.

1. Go to Settings  > Persona.
2. Tap Change Background.
3. Tap Color, Environment, or Photo, then choose an option.
4. Tap Done.

Your Persona is stored encrypted on your device and requires Optic ID or your passcode to access (depending on your settings). If you have Optic ID turned on and then turn it off, your Persona is deleted.

You can't capture or edit your Persona if Travel Mode is turned on and during FaceTime calls. Persona isn't available while others are using your Apple Vision Pro with Guest User.

If you'd like to share your feedback with Apple to help improve Persona, go to Settings ⓘ > Persona, then tap Provide Apple with Feedback.

Related

[What does EyeSight show?](#)

[Make or receive a FaceTime call on Apple Vision Pro](#)

[Turn on and set up Apple Vision Pro](#)

What does EyeSight show?

EyeSight reveals your eyes on the front of your Apple Vision Pro, and lets those nearby know when you're using apps or fully immersed in an experience.



Here are some of the ways that EyeSight informs others around you what you're doing on Apple Vision Pro:

- When you wear Apple Vision Pro and have [captured your Persona](#), EyeSight is personalized with your own eyes.

If you haven't captured your Persona, EyeSight shows an impression of your eyes without personalized eye details.

- When you're using an app or in an interactive experience, EyeSight shows an animation to let others know you may not be able to see them.
- When you're capturing spatial photos and videos, capturing your view, or sharing your view with others, EyeSight shows an animation letting people know that you're using the camera.

EyeSight only appears when you're wearing the device and others are around you. The front display shows the Apple logo when you turn on Apple Vision Pro and a progress bar when you update visionOS.

Delete your personalized EyeSight

You can delete your personalized EyeSight, but your Persona is not affected. If you delete your personalized EyeSight, others still see an impression of your eyes.

1. Go to Settings  > Awareness & Safety.
2. Tap Delete Personalized EyeSight.

If you delete your personalized EyeSight and want to use it again later, you need to recapture your Persona.

Related

[Capture and edit your Persona on Apple Vision Pro](#)

[Capture, view, and share spatial photos and videos on Apple Vision Pro](#)

[Adjust your level of immersion when using Apple Vision Pro](#)

Connect keyboards, headphones, and other Bluetooth accessories to Apple Vision Pro

You can connect Bluetooth® accessories—like a game controller, keyboard, trackpad or mouse, headphones, and more—to your Apple Vision Pro.

For an even more immersive experience, you can pair AirPods Pro 2 (USB-C) and AirPods 4 (both models), which provides Lossless Audio with ultra-low latency when paired with Apple Vision Pro (using a proprietary wireless audio protocol).

AirPods 2, AirPods 3, AirPods Pro 1 or 2 (Lightning), and AirPods Max wireless headphones use Apple AAC Bluetooth Codec to ensure excellent audio quality.

Bluetooth connections aren't lossless.

Note: Not all Bluetooth accessories can be connected to Apple Vision Pro. See the Apple Support article [Use Bluetooth accessories with your Apple Vision Pro](#).



Pair Bluetooth headphones, a game controller, or other device

1. Follow the instructions that came with the Bluetooth device to put it in discovery mode.
2. Do any of the following:
 - *Connect AirPods, Beats headphones, a game controller, mouse, keyboard, or another supported Bluetooth device:* Go to Settings  > Bluetooth, turn on Bluetooth, then tap the name of the device.
 - *Connect other Bluetooth headphones:* Go to Settings  > Accessibility > Hearing Devices > Other Devices, then tap the name of your device.

For more information about using AirPods with Apple Vision Pro, see the Apple Support article [Use AirPods with Apple Vision Pro](#).

Customize a wireless game controller

After you pair a compatible game controller, you can customize it for supported games from Apple Arcade and the App Store.

1. Go to Settings  > General > Game Controller.
2. Choose an option for buttons you want to change, or tap Add App to create custom controls for a certain app.

Note: Apple Arcade availability varies by country or region.

Unpair a Bluetooth device

1. Go to Settings  > Bluetooth.
2. Tap  next to the name of the device, then tap Forget This Device.

If you don't see the Devices list, make sure Bluetooth is turned on.

If you have AirPods and you tap Forget This Device, they're automatically removed from other devices where you're signed in to the same Apple Account.

Disconnect from Bluetooth devices

To quickly disconnect from all Bluetooth devices without turning Bluetooth off, open [Control Center](#), then tap the Bluetooth button.

Turn off Bluetooth

To completely disable Bluetooth and disconnect from all Bluetooth devices, Go to Settings  > Bluetooth, then turn off Bluetooth.

Turning on Airplane Mode may also turn off Bluetooth, unless you turned it on while in Airplane Mode. See the Apple Support article [Use Airplane Mode on your iPhone, iPad, iPod touch, Apple Watch, and Apple Vision Pro](#).

Related

[Subscribe to Apple Arcade on Apple Vision Pro](#)

[Play and queue up music on Apple Vision Pro](#)

[Learn basic gestures and controls on Apple Vision Pro](#)

Use AirDrop on Apple Vision Pro to send items to nearby devices

With AirDrop, you can wirelessly send your photos, videos, websites, locations, and more to other nearby devices (iOS 7, iPadOS 13, OS X 10.10, visionOS 1.0, or later required). AirDrop transfers information using Wi-Fi and Bluetooth—both must be turned on. To use AirDrop, you need to be signed in to your Apple Account. Transfers are encrypted for security.

Tip: You can use AirDrop to securely share app and website passwords with someone using an iPhone, iPad, Mac, or Apple Vision Pro. See [Share passwords or passkeys with people you trust on Apple Vision Pro](#).

Send an item using AirDrop

1. Open the item, then tap , Share, AirDrop, ..., or another button that displays the app's sharing options.
2. Tap , then tap the person you want to share with. (You can also use AirDrop to share between your own devices.)

If someone doesn't appear in AirDrop, ask them to open Control Center and allow AirDrop to receive items. (If they have a Mac with macOS 12 or earlier, ask them to allow themselves to be discovered in AirDrop in the Finder.)

Allow others to send items to your Apple Vision Pro using AirDrop

1. Open Control Center, then tap .

If you don't see , you can add it to Control Center. See [Add or remove Control Center options](#).

2. Tap Contacts Only or Everyone for 10 Minutes to choose who you want to receive items from.

You can accept or decline each request as it arrives. Tap  at the top of your view, then choose an option.

Related

[Share and add media, Memoji stickers, and more in Messages on Apple Vision Pro](#)
[Send and share files and folders in Files on Apple Vision Pro](#)
[Share notes and collaborate on Apple Vision Pro](#)
[Send or collaborate on a presentation in Keynote on Apple Vision Pro](#)

Apple Pay

Set up Apple Pay on your Apple Vision Pro

After you set up Apple Pay, you can make secure payments in apps and on websites that support Apple Pay. You can also send and receive money from friends and family in Messages and make purchases from participating businesses.

Add a credit or debit card

If you've added a card to Apple Pay on your iPhone, iPad, or Mac, you can easily add it on your Apple Vision Pro. You can also add a new card.

1. Go to Settings  > Wallet & Apple Pay, then tap Add Card. You may be asked to sign in to your Apple Account.
2. Do one of the following:
 - *Add a new card:* Tap Debit or Credit Card, tap Continue, then enter your card details manually.
 - *Add your previous cards (including Apple Card):* Tap Previous Cards, then choose any cards you previously used. These cards may include the card associated with your Apple Account, cards you use with Apple Pay on your other devices, cards you added to Safari AutoFill, or cards you removed from Wallet. Tap Continue, authenticate with Optic ID or your passcode, then follow the instructions.
 - *Add a card from a supported app:* Tap the app of your bank or card issuer.

The card issuer determines whether your card is eligible for Apple Pay, and may ask you for additional information to complete the verification process.

Use compatible cards with Apple Pay

If you saved cards in Safari Autofill, you can turn on Compatible Cards to verify that they can be used with Apple Pay.

1. Go to Settings  > Wallet & Apple Pay.
2. Turn on Compatible Cards.

The card issuer determines whether your card is eligible for Apple Pay, and may ask you for additional information to complete the verification process.

Set the default card and shipping information

The first card you add becomes your default card for payments. You can set a different card as the default at any time. You can also set the default shipping address and contact information you want to use.

1. Go to Settings  > Wallet & Apple Pay.
2. Tap Apple Pay Defaults, then tap an option, such as Default Card or Shipping Address.

In the U.S., Apple Pay is a service provided by Apple Payments Services LLC, a subsidiary of Apple Inc. In other countries and regions, Apple Pay is a service provided by certain Apple affiliates, as designated by the [Apple Pay privacy notice](#). Neither Apple Inc. nor Apple Payments Services LLC nor Apple affiliates are a bank. Any card used in Apple Pay is offered by the card issuer.

Related

[Use Apple Pay in apps and Safari on Apple Vision Pro](#)

[Set up and use Apple Cash on Apple Vision Pro \(U.S. only\)](#)

[Manage Apple Pay cards and activity on Apple Vision Pro](#)

Use Apple Pay in apps and Safari on Apple Vision Pro

You can make purchases using Apple Pay in apps and on the web using Safari wherever you see the Apple Pay button.

1. During checkout, tap the Apple Pay button.
2. Review the payment information.

You can change the credit card, billing and shipping addresses, and contact information.

3. To complete the payment, double-click the [top button](#), then glance at  to authenticate with Optic ID, or enter your passcode.

In the U.S., Apple Pay is a service provided by Apple Payments Services LLC, a subsidiary of Apple Inc. In other countries and regions, Apple Pay is a service provided by certain Apple affiliates, as designated by the [Apple Pay privacy notice](#). Neither Apple Inc. nor Apple Payments Services LLC nor any Apple affiliate is a bank. Any card used in Apple Pay is offered by the card issuer.

Related

[Set up Apple Pay on your Apple Vision Pro](#)

[Set up and use Apple Cash on Apple Vision Pro \(U.S. only\)](#)

[Manage Apple Pay cards and activity on Apple Vision Pro](#)

[Send and request money in Messages on Apple Vision Pro \(U.S. only\)](#)

Set up and use Apple Cash on Apple Vision Pro (U.S. only)

With Apple Cash, you can make purchases using Apple Pay; send, request, and receive money in the Messages app ; and transfer your Apple Cash balance to your bank account.

Set up and use Apple Cash

Do any of the following:

- Go to Settings  > Wallet & Apple Pay, then turn on Apple Cash.
- In Messages, [send or accept a payment](#).

Accept payments with Apple Cash

Money you receive is added to your Apple Cash balance. You can choose to automatically or manually accept payments.

1. Go to Settings  > Wallet & Apple Pay, then tap Apple Cash.
2. Choose to automatically or manually accept payments.

If you choose Manually Accept Payments, you have 7 days to accept a payment before it's returned to the sender.

View your balance and transactions

1. Go to Settings  > Wallet & Apple Pay, then tap Apple Cash to view your balance.
2. Do any of the following:
 - *View your transactions:* Tap Transactions. Scroll down to see your transactions grouped by year.
 - *Get a statement:* Scroll down, then tap Request Transaction Statement.

Manage your Apple Cash

1. Go to Settings  > Wallet & Apple Pay, then tap Apple Cash.
2. Do any of the following:
 - Add money from a debit card.
 - Transfer money to your bank.
 - Update your bank account information.

Apple Cash and sending and receiving payments through Apple Pay are services provided by Green Dot Bank, member FDIC.

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Related

[Set up Apple Pay on your Apple Vision Pro](#)

[Use Apple Pay in apps and Safari on Apple Vision Pro](#)

[Manage Apple Pay cards and activity on Apple Vision Pro](#)

[Send and request money in Messages on Apple Vision Pro \(U.S. only\)](#)

Manage Apple Pay cards and activity on Apple Vision Pro

In Settings , you can manage the cards you use for Apple Pay and review your recent transactions.

View the information for a card and change its settings

1. Go to Settings  > Wallet & Apple Pay.
2. Tap a card, then do any of the following:
 - Tap Transactions to view your recent history. To hide this information, turn off Show History. To view all your Apple Pay activity, see the statement from your card issuer.
 - View the last four digits of the card number and Device Account Number—the number transmitted to the merchant.
 - Change the billing address.
 - Remove the card from Apple Pay.

Change your Apple Pay settings

1. Go to Settings  > Wallet & Apple Pay.
2. Do any of the following:
 - Set your default card.
 - Add the shipping address and contact information for purchases.

Remove your cards from Apple Pay if your Apple Vision Pro is lost or stolen

To remove your cards from Apple Pay, do any of the following:

- *On a Mac or PC:* Sign in to your Apple Account (or sign in to account.apple.com). In the Devices section, select the lost Apple Vision Pro. In the Wallet & Apple Pay section, click Remove Items.
- *On an iPhone or iPad:* Go to Settings  > [your name], select the lost Apple Vision Pro, then tap Remove Items (below Wallet & Apple Pay).
- Call the issuers of your cards.

If you remove cards, you can add them again later.

If you sign out of iCloud in Settings > [your name], all your credit and debit cards for Apple Pay are removed from Apple Vision Pro. You can add the cards again the next time you sign in.

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Related

[Set up Apple Pay on your Apple Vision Pro](#)

[Use Apple Pay in apps and Safari on Apple Vision Pro](#)

[Set up and use Apple Cash on Apple Vision Pro \(U.S. only\)](#)

[Send and request money in Messages on Apple Vision Pro \(U.S. only\)](#)

Use Family Sharing on Apple Vision Pro

Family Sharing lets you and up to five other family members share access to Apple services, purchases, an iCloud storage plan, and more.

One adult family member—the organizer—invites other family members to participate. When family members join, Family Sharing is set up on everyone’s devices automatically. The group then chooses which services and features they want to use and share.

You can set up your Family Sharing group on your iPhone, iPad, or Mac, and use subscriptions, shared purchases, and more on your Apple Vision Pro.

Note: Children under 13 years of age can’t sign in to their Apple Account on Apple Vision Pro. Children ages 13 years and older should be supervised by an adult while using Apple Vision Pro.

Share Apple subscriptions

1. Go to Settings  > [your name] > iCloud, then tap Family Sharing.
2. Tap Manage Subscriptions, then tap a subscription.

Share App Store subscriptions

You can choose which eligible App Store  subscriptions you share with family members. For information about the App Store, see [Get apps in the App Store on Apple Vision Pro](#).

1. Go to Settings  > [your name] > Subscriptions.
2. Do one of the following:
 - *Share all new subscriptions:* Turn on Share with Family.
 - *Change the settings for a specific subscription:* Tap the subscription, then turn Share with Family on or off.

If you don’t see Share with Family, the subscription isn’t eligible for sharing.

Share purchases

1. Go to Settings  > [your name] > iCloud, then tap Family Sharing.

2. Tap Purchase Sharing, then follow the instructions.

Tip: To turn off purchase sharing for yourself, tap your name, then turn off Share Purchases. Family Sharing members won't see your purchases, but you can still see items other members have shared with you.

Note: To choose when to share a child's age information with apps, see [Share your child's age range for apps](#) in the iPhone User Guide.

Related

[Share Apple Arcade with family members](#)

[Share Apple Music with family members](#)

[Share Apple TV+, MLS Season Pass, and Apple TV channels with family members](#)

Learn your way around

Open Home View and use the tab bar on Apple Vision Pro

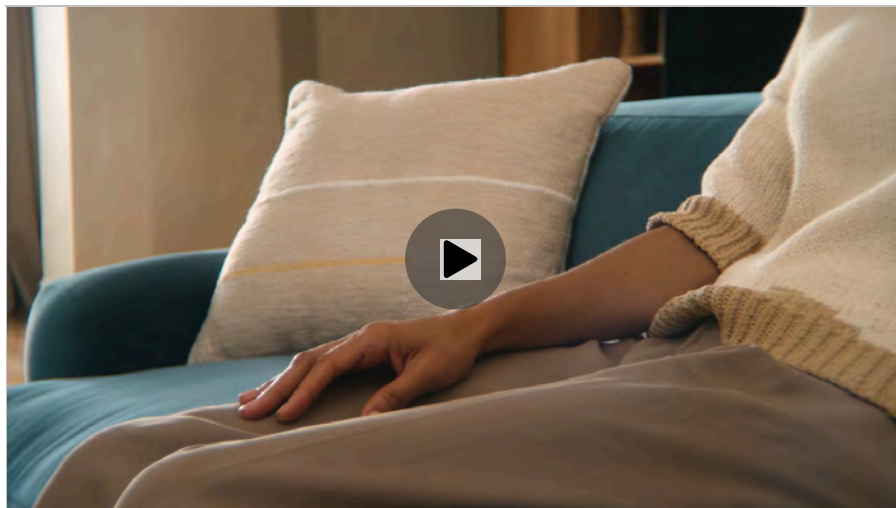
When you open Home View, you can use the tab bar to see your apps, connect with others, and choose an Environment.



Open Home View

To open Home View, do any of the following:

- Look at your palm, then tap .



No text track for this video.

- Press the [Digital Crown](#).

To get started in Home View, tap Apps , People , or Environments  in the [tab bar](#) on the left.

Related

[Apple Vision Pro and visionOS overview](#)

[Open, rearrange, and delete apps on Apple Vision Pro](#)

[Open Control Center on Apple Vision Pro](#)

[Learn basic gestures and controls on Apple Vision Pro](#)

Open, rearrange, and delete apps on Apple Vision Pro

Your apps appear in a grid in [Home View](#). You can create folders to organize your apps. Home View also includes the More Apps folder, which has apps designed for iPhone and iPad that you can use with Apple Vision Pro. To get more apps, see [Get apps in the App Store on Apple Vision Pro](#).



Open an app

1. To open Home View, look at your palm, then tap .

You can also press the [Digital Crown](#).

If you don't see your apps, look at the [tab bar](#), then tap Apps .

2. Swipe to browse your apps. To quickly return to the first page of apps, tap Apps in the tab bar.

Tip: To find an app, you can also open [Control Center](#), then tap .

3. To open an app, look at the app and tap your fingers together.

You can also look at an app and say, “Siri, open this.” See [Set up and activate Siri on Apple Vision Pro](#).

App windows open where you’re looking. You can also move app windows to another location, change the window size, or close and quit apps. See [Move, resize, and close app windows on Apple Vision Pro](#).

Automatically reopen apps after you restart

If you want to quickly pick up where you left off after you restart your Apple Vision Pro, you can reopen the apps you had open before you restarted.

1. Go to Settings  > General.
2. Turn on Reopen Apps After Restart.

If you don’t want apps to reopen automatically, turn it off.

Create an app folder

1. Open Home View.
2. Pinch and hold an app, then drag it onto another app.

A folder with both apps is created.

3. Do any of the following:
 - *Rename the folder:* Tap the folder to open it, tap the name of the folder, then enter a new name.
 - *Add more apps to the folder:* Pinch and hold an app, then drag it to the folder.
 - *Move apps in the folder:* Tap the folder to open it, pinch and hold an app, then drag it to a new location in the folder.
4. When you finish creating and editing the folder, tap Done.

Rearrange apps and folders in Home View

You can rearrange apps and folders in Home View, and move iPhone and iPad apps from the More Apps folder to Home View or another folder.

1. Open Home View.
2. Do one of the following:

- *Rearrange apps and folders:* Pinch and hold an app or folder, then drag it to a new location in Home View.
- *Add an app to an existing folder:* Pinch and hold an app, then drag it to the folder.
- *Move an app from a folder to Home View:* Tap the folder to open it, pinch and hold an app, then drag the app out of the folder and into a new location in Home View.

3. When you finish moving apps and folders, tap Done.

Remove apps

You can easily remove apps from your Apple Vision Pro. If you change your mind, you can download the apps again later.

Pinch and hold an app, tap , then tap Delete.

Note: Some apps, like Settings , can't be removed.

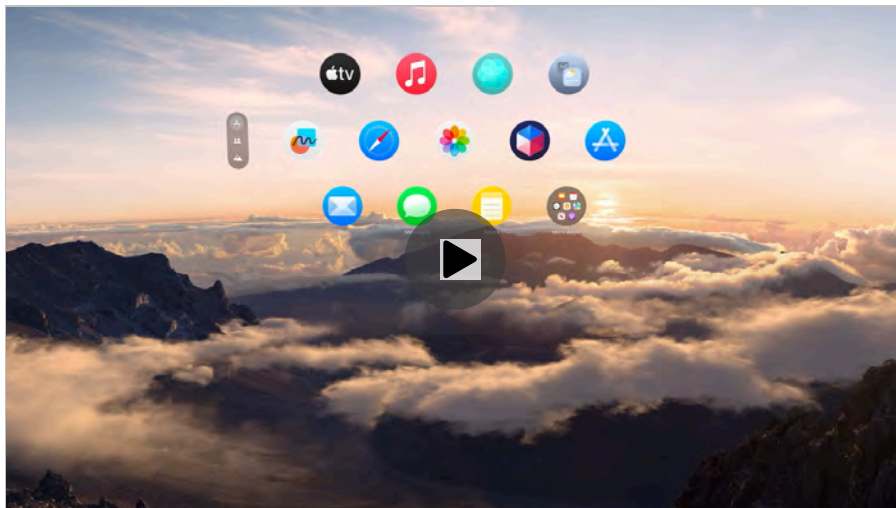
Related

[Open Home View and use the tab bar on Apple Vision Pro](#)

[Recenter your view on Apple Vision Pro](#)

[Move, resize, and close app windows on Apple Vision Pro](#)

Open Control Center on Apple Vision Pro



No text track for this video.

Control Center gives you quick access to useful controls, like search and volume, as well as features like [Guest User](#), [Travel Mode](#), and all your [notifications](#). You can also check the battery level and see the current date and time.

Open Control Center

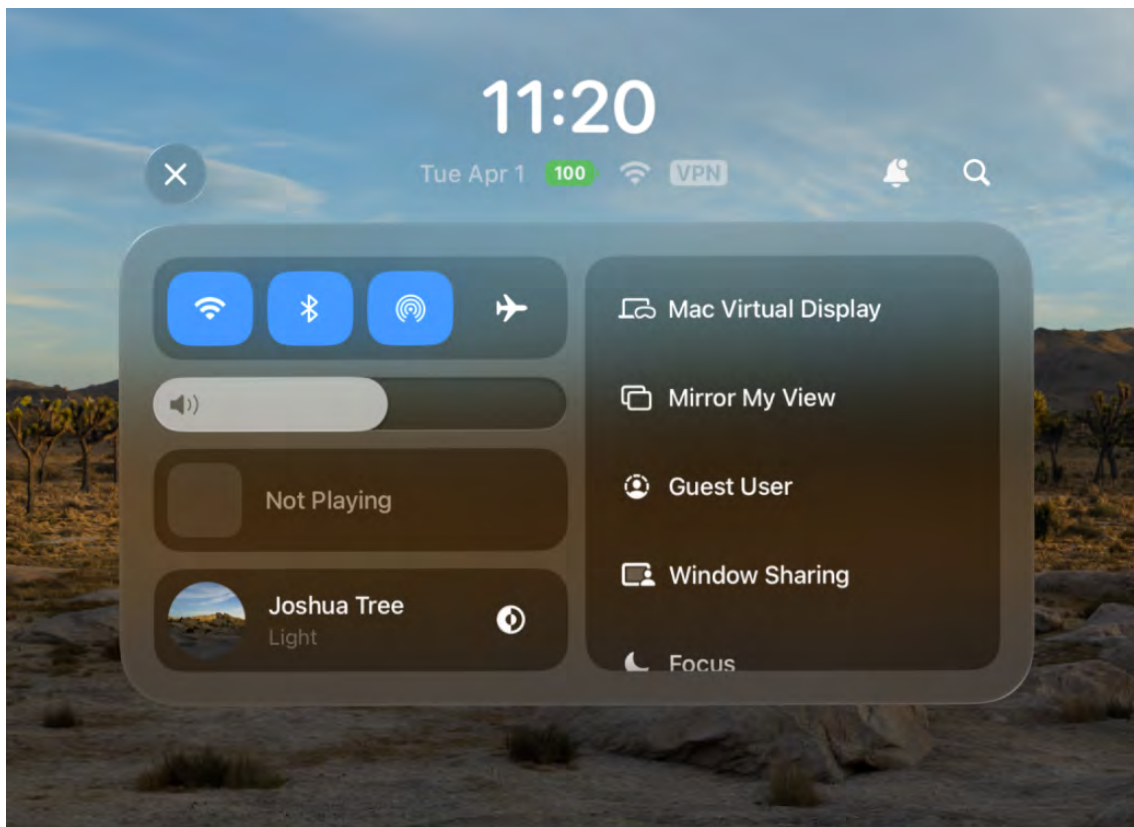
1. Look at your palm, then flip your hand over.

The time, battery level, and current volume appear.

2. Tap to open Control Center.

If you want to look up to open Control Center, go to Settings  > Accessibility > Interaction, then turn on Look Upwards for Control Center.

Add or remove Control Center options



You can change some of the controls that are available when you open Control Center.

Go to Settings  > Control Center, then add or remove controls.

Related

[Open, rearrange, and delete apps on Apple Vision Pro](#)

[Search on Apple Vision Pro](#)

[Use View Mirroring or AirPlay Receiver on Apple Vision Pro](#)

[Adjust volume on Apple Vision Pro](#)

See and open your notifications on Apple Vision Pro

To open your notifications, do any of the following:

- When an app icon, such as  or , appears at the top of your view, tap to open it.

You can keep notifications at the top of your view until you interact with them. See [Change the notification style](#).

- Open [Control Center](#), then tap . Tap a notification to open it, then pinch and hold the notification to choose other options, or tap Dismiss.

To quickly silence all notifications, turn on Do Not Disturb. See

[Turn a Focus on or off on Apple Vision Pro](#).

Related

[Change notification settings and device sounds on Apple Vision Pro](#)

[Open Control Center on Apple Vision Pro](#)

[Learn basic gestures and controls on Apple Vision Pro](#)

Search on Apple Vision Pro

Use search to find almost anything on your Apple Vision Pro or the web. You can search for and open apps, find content in apps like Mail and Messages, find images in your photo library or on the web, perform calculations, look up stock prices, and more.

1. Open [Control Center](#), then tap .
2. Enter what you're looking for in the search field, then tap a result.

You can also look at  in the search field, or tap or touch  in the virtual keyboard, then say what you're looking for.

To choose the apps you want to include in search results, go to Settings  > Apple Intelligence & Siri (or Siri & Search). Search offers suggestions based on your app usage, and updates results as you type.

Related

[Open Control Center on Apple Vision Pro](#)
[Set up and activate Siri on Apple Vision Pro](#)

Learn the meaning of status icons on Apple Vision Pro

The icons in Control Center provide information about your Apple Vision Pro.

(table aria-label=Status icons and their meanings)

Status icon	What it means
	Wi-Fi. Apple Vision Pro is connected to a Wi-Fi network. The more bars, the stronger the connection. See Connect Apple Vision Pro to a Wi-Fi network .
	Personal Hotspot connection. Apple Vision Pro is connected to the internet through the Personal Hotspot of another device. See Join a Personal Hotspot .
	Camera in use. An app or feature is accessing your camera.
	Microphone in use. An app or feature is accessing your microphone.
	Location services. An app or feature is accessing Location Services. See Control the location information you share on Apple Vision Pro .
	Network activity. There is network or other activity.
	Battery. Shows the battery level or charging status. See Check the battery level .
	Battery charging. Shows the Apple Vision Pro battery is charging. See Charge the battery .
	Voice Control. Voice Control is turned on in Settings > Accessibility, and you can use your voice to interact with Apple Vision Pro .

Related

[Open Control Center on Apple Vision Pro](#)

Personalize and adjust system settings

Change notification settings and device sounds on Apple Vision Pro

In Settings , choose which apps can send notifications, adjust their notification style, and turn device sounds on or off.

Change the notification style

You can change how notifications appear. For example, you can group notifications for the same app, hide notifications for an app in Notification Center, or turn off notifications for an app altogether.

1. Go to Settings  > Notifications.
2. Tap an app you want to make changes to, then adjust the settings.

Tip: If you don't want to miss notifications for an app, like Messages , you can change the Banner Style to Persistent, so the notification stays at the top of your view until you interact with it.

To quickly turn off all notifications, turn on Do Not Disturb. See [Turn a Focus on or off on Apple Vision Pro](#). You can also use Focus to hide notifications for certain apps only at certain times. See [Set up a Focus or create a custom Focus](#).

Turn sound effects on or off

Apple Vision Pro plays sound effects when you interact with the controls (such as when you open an app), but you can turn them off.

1. Go to Settings  > Accessibility > Audio & Visual.
2. Turn Sound Effects on or off.

Related

[See and open your notifications on Apple Vision Pro](#)

[Get started with accessibility features on Apple Vision Pro](#)

[Play background sounds on Apple Vision Pro to mask environmental noise](#)

[Adjust the mono audio and balance settings on Apple Vision Pro](#)

Set the date, time, language, and region on Apple Vision Pro

Set the date and time

By default, the date and time, visible when you open [Control Center](#) or open the Clock app , are set automatically based on your location. If you want to change them—for example, when you're traveling—you can adjust them.

1. Go to Settings  > General > Date & Time.
2. Turn any of the following on or off:
 - *Set Automatically:* Apple Vision Pro gets the correct time over the network and updates it for the time zone you're in. Some networks don't support network time, so in some countries or regions, Apple Vision Pro may not be able to automatically determine the local time.

If you turn off Set Automatically, tap Time Zone, then search for a city to use for the time.
 - *24-Hour Time:* (not available in all countries or regions) Apple Vision Pro displays the hours from 0 to 23.

Set the language and region

In visionOS 1.2 or later, you choose the language and region of your Apple Vision Pro during setup. You can also change the language you want shown in visionOS and apps, and select the formats used to show dates, times, numbers, and more.

1. Go to Settings  > General > Language & Region.
2. Set any of the following:
 - The language for Apple Vision Pro

To add another language and keyboard, tap Add Language, then select a language.
 - The region
 - The calendar format
 - The temperature unit (Fahrenheit or Celsius)
 - The measurement system (metric, US, or UK)
 - The first day of the week
 - The date format

- The number format
- Live Text (text you can select in images to copy or take action on)

You can see a preview of your region format settings at the bottom of the window.

Related

[Use the Clock app on Apple Vision Pro](#)

Change the name of your Apple Vision Pro

You can change the name of your Apple Vision Pro, which is used by iCloud, AirDrop, and more.

1. Go to Settings  > General > About > Name.
2. Tap , then enter a new name.

Related

[Set the date, time, language, and region on Apple Vision Pro](#)

[Turn on and set up Apple Vision Pro](#)

Change the appearance of text, app windows, and more on Apple Vision Pro

You can adjust text size and display brightness, view compatible apps in Dark Mode, change the size of app windows, and more.

Adjust text size, display brightness, and more

1. Go to Settings  > Appearance.
2. Tap a setting, such as Text Size, Bold Text, or Brightness, then make the changes you want.

View compatible apps in Dark Mode

Compatible iPhone and iPad apps use a light appearance by default, but you can choose a dark appearance instead.

1. Go to Settings  > Appearance.
2. Tap Appearance below Compatible Apps Appearance, then choose Light or Dark.

Adjust the size of app windows

You can change the default size of app windows when you open them, and also make it possible to temporarily resize a window by pinching with both hands.

1. Go to Settings  > Appearance.
2. Do any of the following:
 - *Change the default window size:* Tap Appearance below Display, then choose an option, such as Medium or Extra Large.
 - *Allow windows to be temporarily resized by pinching with both hands:* Turn on Two-Handed Window Zoom.

When this setting is on, you can look at a window, pinch with two hands, then pull them apart or together to resize the window. The window returns to its previous size after you stop pinching.

Related

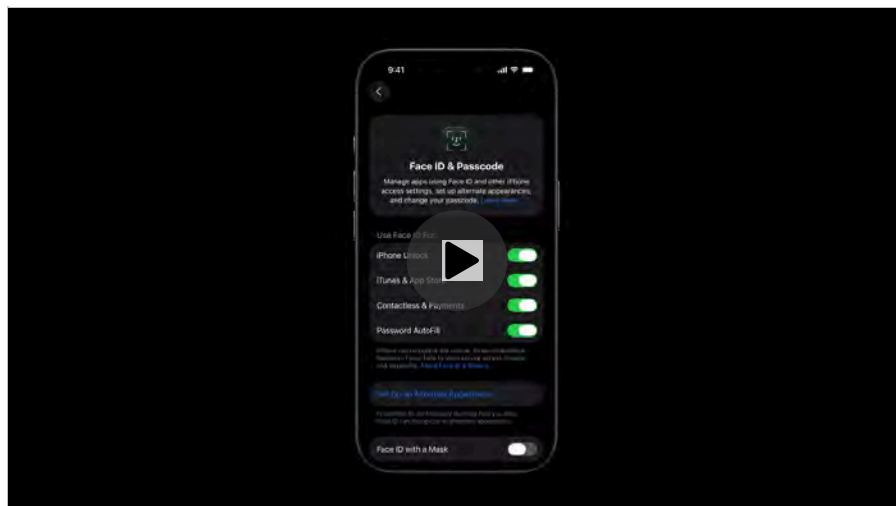
[Change notification settings and device sounds on Apple Vision Pro](#)

[Open, rearrange, and delete apps on Apple Vision Pro](#)

Unlock your iPhone with Apple Vision Pro

You can unlock your iPhone while wearing Apple Vision Pro, even in a fully immersive experience like an Environment.

Note: To use this feature, you need an iPhone with iOS 26 or later and Face ID turned on.



No text track for this video.

1. Go to the Settings app  on your iPhone.
2. Tap Face ID & Passcode, then enter your passcode.
3. Under Unlock with Nearby Devices, turn on your Apple Vision Pro, then tap Turn On.
4. Put on and unlock your Apple Vision Pro to complete setup.

You can now view and unlock your iPhone while wearing your Apple Vision Pro.

See your keyboard, game controller, or iPhone while you're immersed with Apple Vision Pro

You can see your Magic Keyboard or Mac keyboard while you're immersed, such as when you're using Environments. You can also see a game controller when it's connected through Bluetooth. See [Connect keyboards, headphones, and other Bluetooth accessories to Apple Vision Pro](#).

Note: Lighting conditions in your surroundings and the color of your keyboard or desk may affect the visibility of the keyboard.

See your keyboard or controller

1. Go to Settings  > Awareness & Safety.
2. Tap Reveal Keyboards or Reveal Game Controllers.
3. To choose when the device is visible, tap one of the following:
 - Never
 - Only When Near Hands
 - Always

See your iPhone

When you set up your Apple Vision Pro to unlock your iPhone, you can automatically see it through immersive environments and experiences. See [Unlock your iPhone with Apple Vision Pro](#).

Apple Vision Pro also reveals some objects in front of you (such as walls) and reveals your surroundings when you're approaching an object too quickly (faster than a brisk walk). You can't adjust these settings or turn them off. Keep in mind that Apple Vision Pro won't detect all objects or obstacles. See [Prepare your space before using Apple Vision Pro](#) and [About immersion](#).

Related

[Adjust your level of immersion when using Apple Vision Pro](#)

[Prepare your space before using Apple Vision Pro](#)

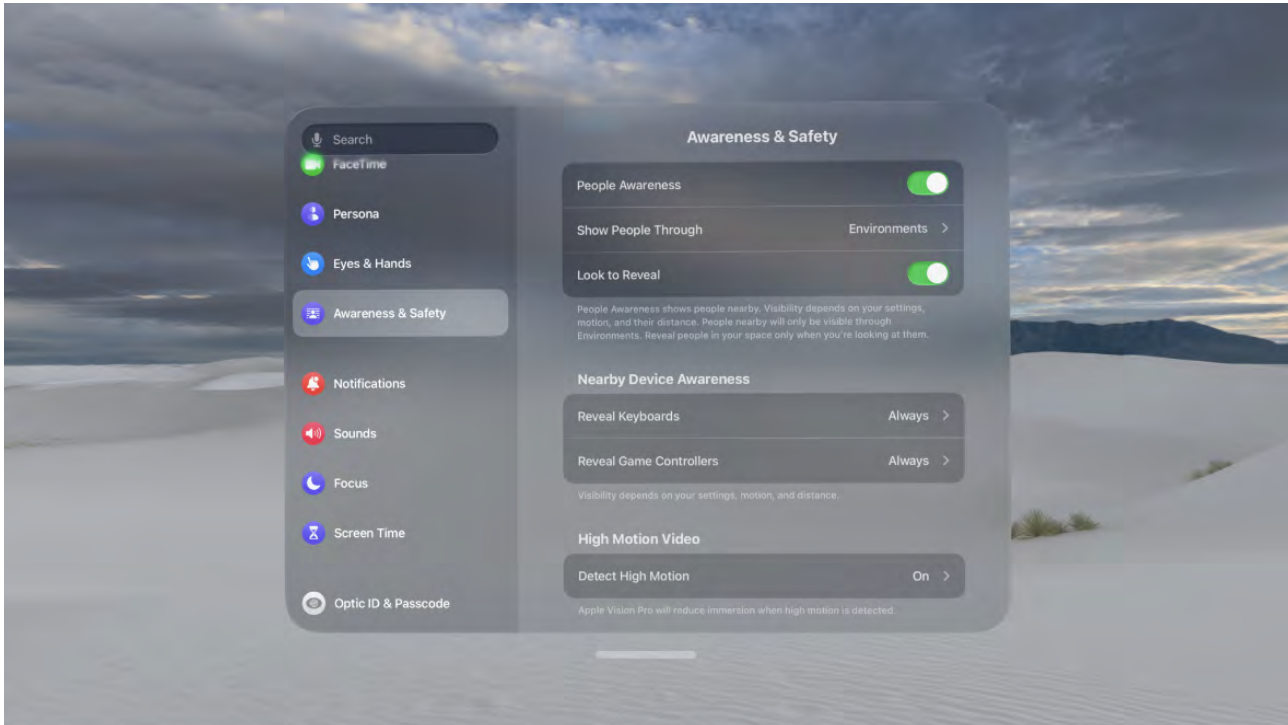
See people around you while you're immersed with Apple Vision Pro

People Awareness detects and shows people around you, so you can stay connected and be aware of who is nearby.



No text track for this video.

Turn People Awareness on or off



People Awareness is turned on by default when you're using an Environment. If you don't want Apple Vision Pro to automatically reveal people nearby, turn off People Awareness or choose when to show people.

1. Go to Settings  > Awareness & Safety.
2. Turn People Awareness on or off.

Choose when to show people

1. Go to Settings  > Awareness & Safety.
2. Tap Environments, Environments and Immersive Apps, or Everything.

Apple Vision Pro also reveals some objects in front of you (such as walls) and reveals your surroundings when you're approaching an object too quickly (faster than a brisk walk). You can't adjust these settings or turn them off. Keep in mind that Apple Vision Pro won't detect all objects or obstacles. See [Prepare your space before using Apple Vision Pro](#) and [About immersion](#).

Related

[Adjust your level of immersion when using Apple Vision Pro](#)

[Prepare your space before using Apple Vision Pro](#)

Use Apple Vision Pro on an airplane or a train

If you're a passenger on an airplane or a train, turn on Travel Mode to stabilize your content, so you can continue using your Apple Vision Pro.

Important: Never use Apple Vision Pro while operating a moving vehicle, bicycle, heavy machinery, or in any other situations requiring attention to safety.

Turn Travel Mode on or off

- *Turn on Travel Mode:* Open [Control Center](#), then tap Travel Mode.
- *Turn off Travel Mode:* Open Control Center, then tap Turn Off next to Travel Mode.

Note: If you're on an airplane or train and Travel Mode is turned off, hand and eye tracking may not be available, and you may be prompted to turn on Travel Mode to continue using Apple Vision Pro. When the alert appears, press the Digital Crown to turn on Travel Mode. For more information, see the Apple Support article [Use Apple Vision Pro on an airplane or train with Travel Mode](#).

For the best experience

- Remain seated while using Travel Mode. Remove Apple Vision Pro when moving about the cabin or train.
- Remain aware of your surroundings. When using Travel Mode, some features that help you see and stay aware of your surroundings are turned off.
- Travel Mode is designed solely for passenger use on an airplane or a train. In some situations, Apple Vision Pro may prompt you to turn it on; don't use Travel Mode if you're not on an airplane or a train.
- When Travel Mode is on, you can't make FaceTime calls or capture your Persona.
- You can't set up your Apple Vision Pro while traveling on an airplane or a train.
- If your view is not where you want it while using Travel Mode, press the Digital Crown. See [Recenter your view on Apple Vision Pro](#).

Be careful not to let the battery fall between the seats on an airplane or a train.

Related

[Battery placement](#)

[Adjust your level of immersion when using Apple Vision Pro](#)

[Prepare your space before using Apple Vision Pro](#)

[Safely use your Apple Vision Pro](#)

Set up Focus and Do Not Disturb

Set up a Focus on Apple Vision Pro

Focus is a feature that helps you concentrate on a task by minimizing distractions. When you want to concentrate on a specific activity, you can customize one of the provided Focus options—for example, Work, Personal, or Sleep—or create a Custom Focus. Focus can temporarily silence all notifications—or allow only specific notifications (ones that apply to your task, for example)—and let other people and apps know you're busy.

Tip: To quickly silence all notifications, open Control Center, then tap Focus to turn on Do Not Disturb.

Set up a Focus or create a custom Focus

1. Go to Settings  > Focus, then tap a Focus—for example, Personal, Sleep, or Work.

You can also tap , then tap Custom. Choose a name for your focus and an icon to represent it.

2. Specify which apps and people can send you notifications during your Focus.

You can also schedule the Focus to turn on when you're at a certain location, at a certain time of day, and so on.

Keep your Focus settings up to date across all your Apple devices

You can use the same Focus settings on all your Apple devices where you're signed in to the same Apple Account.

1. Go to Settings  > Focus.
2. Turn on Share Across Devices.

Allow or silence notifications from specific apps or people during a Focus

When you set up a Focus, you can select people and apps you want to receive notifications from. For example, set up a Work Focus and allow only notifications from your coworkers and the apps you use for work.

1. Go to Settings  > Focus, then tap a Focus—for example, Do Not Disturb, Personal, Sleep, or Work.
2. Tap Allowed People or Allowed Apps, then select the options you want, such as the following:
 - *Allow apps to send time-sensitive notifications:* Turn on Time Sensitive Notifications.

- *Don't silence repeated calls:* Turn on “Allow repeated calls.”
- *Create a list of allowed or silenced people or apps:* Tap Allow Some People (or Allow Some Apps) or Silence Some People (or Silence Some Apps), then add people or apps to the list.

Share your Focus status

When you turn on a Focus, it limits the notifications you receive from people and apps. When someone outside your allowed notifications tries to contact you, your Focus status appears in Messages, so they know you're busy. Focus status is shared in apps if you give an app permission to see your Focus status.

1. Go to Settings  > Focus > Focus Status.
2. Turn on Share Focus Status, then select the options you want.

Delete a Focus

When you no longer need a Focus you set up, you can delete it.

1. Go to Settings  > Focus.
2. Tap the Focus, then tap Delete Focus.

If you delete a provided Focus, you need to set it up again by going to Settings > Focus, then tapping .

Related

[Turn a Focus on or off on Apple Vision Pro](#)

Turn a Focus on or off on Apple Vision Pro

To use a Focus, you can turn it on in Control Center, or schedule it to turn on automatically.

Tip: To quickly silence all notifications, open Control Center, then tap Focus to turn on Do Not Disturb.

Turn a Focus on or off

1. Open [Control Center](#), pinch and hold Focus, then tap the Focus you want to turn on (for example, Work).
2. To choose an ending point for the Focus, tap  next to the Focus, then select an option (such as “For 1 hour”).

When a Focus is on, its icon (for example,  for Do Not Disturb) appears at the top of Control Center, and your status is automatically displayed in the Messages app. Your friends can see that you've silenced notifications, but they can still notify you if something is urgent.

3. To turn off the Focus, tap it again in Control Center.

Schedule a Focus to turn on automatically

You can schedule a Focus to turn on at certain times, when you're at a particular location, or when you open a specific app.

1. Go to Settings  > Focus, then tap the Focus you want to schedule.
2. To have this Focus turn on automatically based on cues like your location or the app you're using, tap Smart Activation, turn on Smart Activation, then tap  at the top of the window.
3. Tap Add Schedule, then choose when or where you want to activate this Focus.

Note: If you set up a sleep schedule on iPhone and turn on Share Across Devices, you can use Sleep Focus on Apple Vision Pro, which follows the same sleep schedule as your iPhone. To add or edit a sleep schedule, open the Health app  on iPhone, tap Browse, then tap Sleep.

Related

[Set up a Focus on Apple Vision Pro](#)

Refresh content in apps you're not actively using on Apple Vision Pro

Background App Refresh allows content in apps to stay up to date, even when you're not using them. For example, your Mail inbox stays updated, even when you're not actively using Mail. If you prefer to manually refresh apps, you can turn Background App Refresh off for all apps, and for individual apps.

1. Go to Settings  > General > Background App Refresh.
2. Turn Background App Refresh on or off, or adjust the options for individual apps.

Related

[Change notification settings and device sounds on Apple Vision Pro](#)

[Open, rearrange, and delete apps on Apple Vision Pro](#)

Set content restrictions in Screen Time on Apple Vision Pro

With Screen Time, you can block inappropriate content, set restrictions for iTunes Store and App Store purchases, and change whether apps can access your photos, calendar, and more. You can change or turn off any of these settings at any time.

Set content and privacy restrictions

1. Go to Settings  > Screen Time > Content & Privacy Restrictions.
2. Turn on Content & Privacy Restrictions, then tap options to set content allowances for iTunes Store and App Store purchases, which apps can use your Contacts, and so on.

You can also set a passcode that's required before changing settings.

Choose apps you want to allow at all times

In Screen Time, you can specify apps that can be used at all times (for example, even when you're using Do Not Disturb).

1. Go to Settings  > Screen Time > Content & Privacy Restrictions > Allowed Apps.
2. Add or remove apps from the list.

Related

[Use Family Sharing on Apple Vision Pro](#)

Manage your view

Recenter your view on Apple Vision Pro

If content in your view isn't where you want it, you can quickly bring it where you're looking.

To recenter everything in your view—such as apps, Environments, and interactive experiences—press and hold the [Digital Crown](#).



No text track for this video.

Related

[Move, resize, and close app windows on Apple Vision Pro](#)

[Use Mac Virtual Display on Apple Vision Pro](#)

Move, resize, and close app windows on Apple Vision Pro

You can move app windows where you want them in your view, lock them in place, and change the size of app windows.

Move an app



No text track for this video.

Pinch and drag the **window bar** side-to-side, towards you, or away from you.

Try moving apps closer or farther away from you for the most comfortable visual experience.

Resize an app



No text track for this video.

Look at the bottom-right or bottom-left corner of the app window, then pinch and drag the resize control.

Lock an app in place

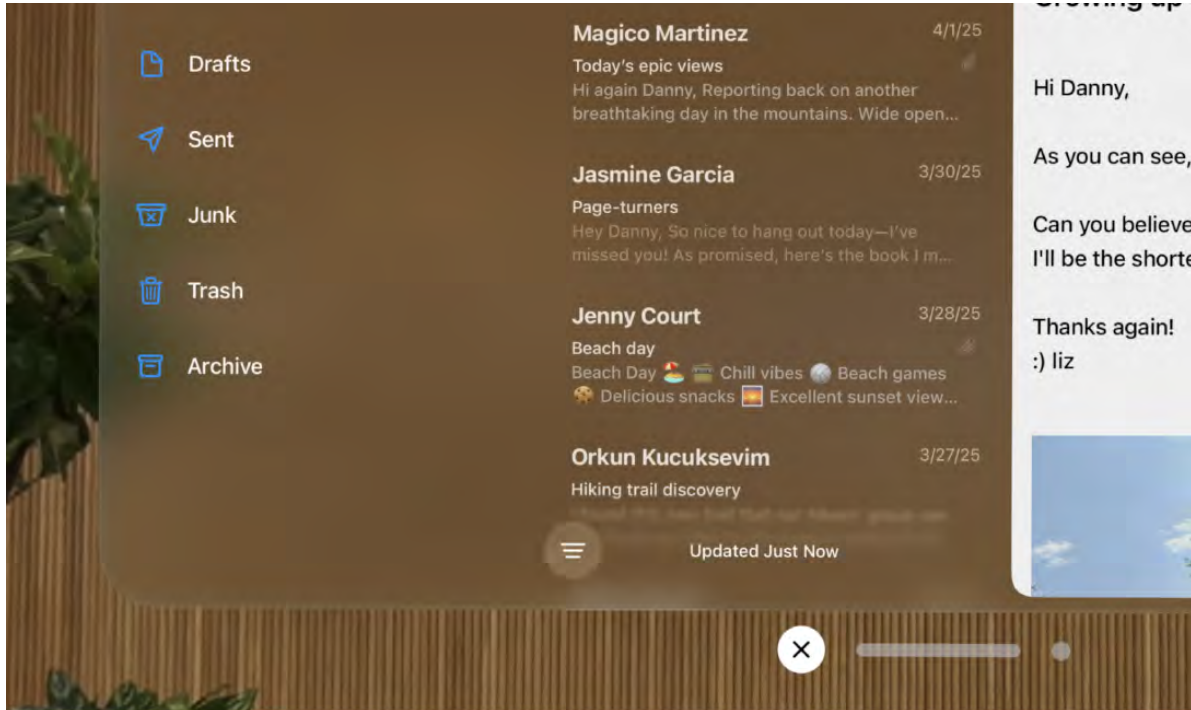
You can lock an app to a location in space, or anchor it to a vertical surface—like a nearby wall. The app remains where you lock it as you look and move around, including when you leave and reenter a room.

- *Lock an app anywhere in space:* Look to the left of the **window bar**, pinch and hold , then tap Lock in Place.
- *Anchor an app to a surface:* Pinch and drag the window bar to anchor the app to a nearby vertical surface, then hold it in place for a moment. When an app has anchored to a surface, the window bar is replaced with a Lock icon .
- *Unlock an app:* Tap  at the bottom of the app window, or simply drag it away from its locked position.

Tip: You can lock the same app in multiple rooms. For example, if you lock the TV app to a wall in your living room, you can go into the bedroom, open the TV app there, and lock it to a wall in the bedroom. When you walk in either room, the app appears right where you locked it.

Not all apps support locking in place.

Close an app



You can close an app and, in most cases, pick up where you left off later. Do any of the following:

- Look to the left of the [window bar](#), then tap .

Tip: You can pinch and hold , then tap “Close [app]” to close the current app, or tap “Hide other apps” to close all other apps.

- Look at an app and say, “Siri, close this.” See [Set up and activate Siri on Apple Vision Pro](#).

Force quit an app

If an app isn’t responding, you can quit it and then reopen it to try and resolve the issue.

1. Simultaneously press and hold the [Digital Crown](#) and [top button](#) until you see Force Quit Applications.

Note: Be sure to release the Digital Crown and top button after you see Force Quit Applications, as holding them for too long can force restart Apple Vision Pro. See [Learn basic gestures and controls on Apple Vision Pro](#).

2. Tap the name of the app you want to close, then tap Force Quit.

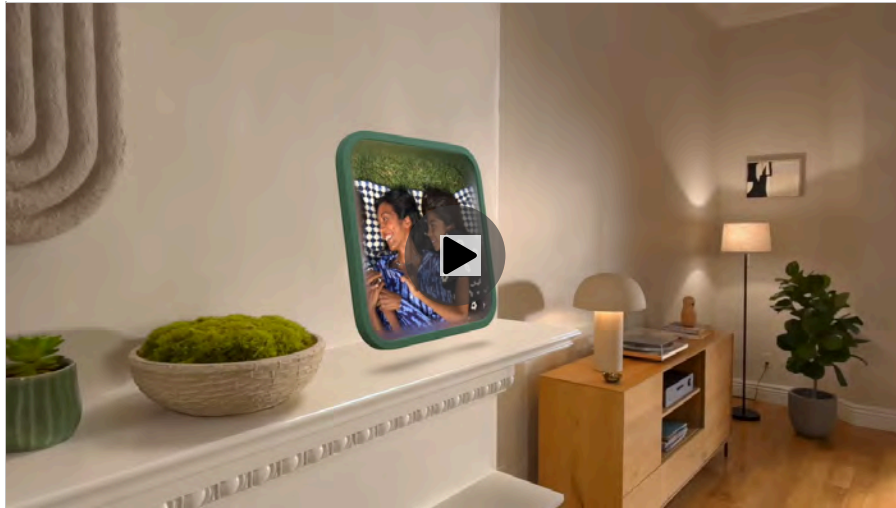
Related

[Open, rearrange, and delete apps on Apple Vision Pro](#)

Recenter your view on Apple Vision Pro

Use widgets on Apple Vision Pro

Widgets let you display useful information and add decorative touches to your surroundings that reappear every time you put on Apple Vision Pro.



No text track for this video.

Add a widget to your surroundings

1. Go to the Widgets app  on your Apple Vision Pro.
2. Tap an app in the list on the left. You can enter a term in the search field to narrow the list.

Note: With the exception of Batteries and Clock, the list of available widgets comes from the apps you have installed on your Apple Vision Pro. (Not every app has a widget.)

3. Swipe through the options to find a style you like, then tap Add Widget.
4. Pinch and drag the [window bar](#) to snap the widget to a surface in your surroundings.

Note: To place a widget, you have to snap it to a nearby surface. Unlike app windows, widgets can't float in the space around you.

5. Tap  to customize the widget.

You can customize the look of widgets by changing options like frame color and thickness. Some widgets have additional options—for example, you can choose which album to shuffle in a Photos widget, or which artist to feature in a Music widget.

6. When you finish customizing the widget, tap Done.

Once you place a widget in your space, it stays there and reappears every time you put on Apple Vision Pro—even after you restart it.

Customize a widget

1. Pinch and hold a widget.
2. Tap , then make adjustments.
3. When you finish customizing the widget, tap Done.

Open an app from a widget

Some widgets, like Photos and Calendar, let you open an app directly from the widget itself. Just tap the widget to open the associated app.

Move or remove a widget

1. Pinch and hold a widget.
2. Do either of the following:
 - *Move the widget:* Pinch and drag the [window bar](#) to a different place in your surroundings, then tap Done.
 - *Remove the widget:* Look to the left of the window bar, then tap .

Related

[Add a Music Poster to your space on Apple Vision Pro](#)

Use Environments on Apple Vision Pro

Environments let you transform your physical surroundings into a different place—like Yosemite, Mount Hood, or the Moon. You can use Environments while you’re using apps like Mail, Safari, and more.

Some apps also have exclusive Environments that are available only when using the app, such as a Conference Room for rehearsing a Keynote presentation.

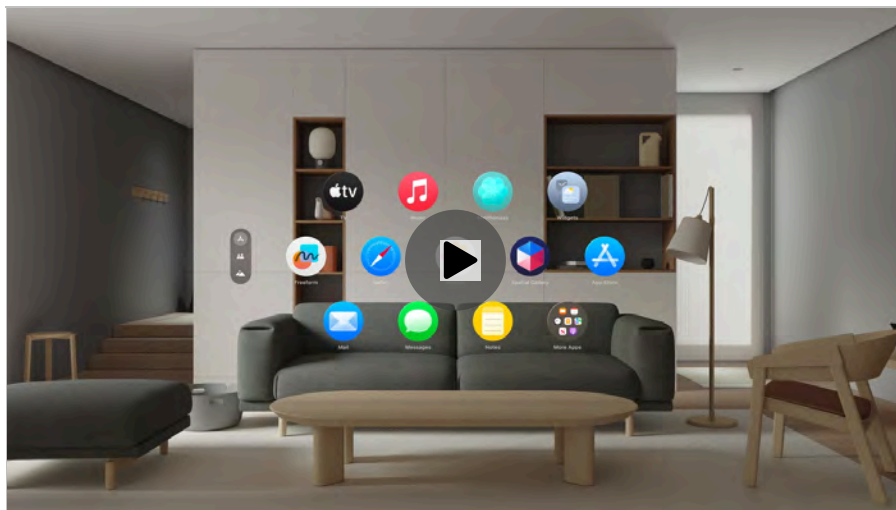
Tip: You can use Siri with Environments. For example, say, “Siri, take me to the Moon.” See [Use Siri with Environments](#).



Choose an Environment

1. In **Home View**, tap Environments  in the **tab bar**.
2. Tap an Environment (like White Sands or Yosemite), or tap an option like Summer Light or Winter Light to subtly change the look of the room.

You might see and hear effects in Environments, like rain in Mount Hood. Some of these effects are only available if you don't have apps open.



No text track for this video.

Change the appearance or volume of your Environment

You can choose a light or dark appearance for your Environment, or change the volume of the Environment sounds.

Note: These options don't apply to Summer Light, Winter Light, Fall Light, Spring Light, or Morning Light.

Do one of the following:

- *Adjust the immersion:* Turn the [Digital Crown](#).
- *Set the appearance:* Open [Control Center](#), tap the name of the Environment, then tap Light, Dark, or Automatic.
- *Adjust the volume of Environment sounds:* Open Control Center, tap the name of the Environment, then pinch and drag the volume slider.

Explore Jupiter

The Jupiter Environment has additional options to adjust the look and feel of your surroundings.



1. In [Home View](#), tap Environments  in the [tab bar](#), then tap Jupiter.
2. While in the Jupiter Environment, open [Control Center](#), tap Jupiter, then tap Explore Jupiter.
A window with more information about your view of Jupiter appears.
3. Do any of the following:

- *Change the time of day:* Pinch and drag the slider, or tap a time of day at the bottom of the window.
- *Change the orbit speed around Jupiter:* Tap , then choose an orbit speed.

4. Tap Done.

Choose whether you want Environments to update automatically

1. Go to Settings , then tap Environments .
2. Turn Automatic Updates on or off.

You can also share an Environment during a FaceTime call. See [Share an Environment](#).

Related

[Adjust your level of immersion when using Apple Vision Pro](#)

[Learn basic gestures and controls on Apple Vision Pro](#)

Adjust your level of immersion when using Apple Vision Pro

You can adjust how immersed you are in Environments when you use Apple Vision Pro.

You can also see people when they approach you, even when you're in an immersive experience. See [See people around you while you're immersed with Apple Vision Pro](#).



Adjust your immersion for Environments

You can adjust the level of immersion for Environments, like Yosemite and White Sands.

To adjust how much of your surroundings you see, turn the [Digital Crown](#).

Note: Some app Environments may not allow you to adjust immersion.

Quickly switch between your surroundings and immersion

Double-click the Digital Crown to switch to a view of your surroundings. To return to your experience, press the Digital Crown once.

About immersion

- Before using Apple Vision Pro, ensure that the area around you is clear. See [Set up your space](#).
- Apple Vision Pro automatically sets a boundary around you for fully immersive experiences. If you move out from the boundary, the immersive experience gradually fades to reveal your surroundings.

If you move completely outside the boundary, Apple Vision Pro reveals your surroundings completely. If you return to the original position or [recenter your view](#), the experience returns to the previous immersion level.

- In partially immersive experiences, Apple Vision Pro gradually reveals your surroundings while you're moving; you can continue to interact with the experience while this occurs. The experience returns to its previous immersion level when you stop moving.

Always stay aware of your surroundings while moving in an immersive experience, as objects around you may be blocked by the experience.

- If you're moving too quickly (faster than a brisk walk), Apple Vision Pro automatically clears your view and reduces immersion (from any immersion level, not just when you're fully immersed) to reveal your surroundings.

Note: You can't adjust the settings and alerts described above, including the size of the boundary.

Related

[Use Environments on Apple Vision Pro](#)

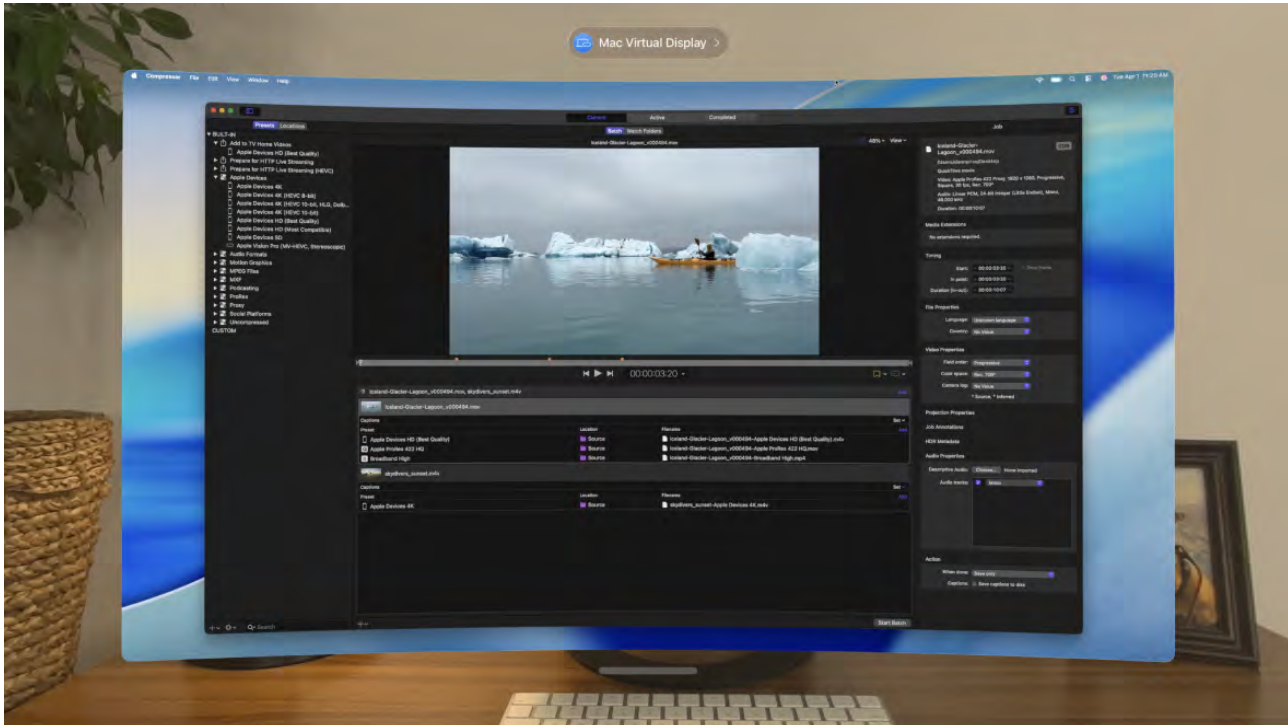
[Learn basic gestures and controls on Apple Vision Pro](#)

[Prepare your space before using Apple Vision Pro](#)

Use Mac Virtual Display on Apple Vision Pro

Mac Virtual Display lets you view your Mac screen on Apple Vision Pro, and use your Mac trackpad or mouse to share the pointer between your Mac and Apple Vision Pro. You can also change the aspect ratio of the Mac screen—up to a 32:9 ultrawide screen that wraps around you—and hear audio from your Mac through the Audio Straps on Apple Vision Pro.

Note: When you're using Mac Virtual Display, you can't use iPhone Mirroring with your Mac.



Connect to your Mac

1. While wearing Apple Vision Pro, open Control Center, tap Mac Virtual Display, then choose your Mac.

If you're using a MacBook, you may be able to simply look at your MacBook (make sure the Mac display is on), then tap  **Connect**.

2. You can change the size of the Mac screen and move it towards or away from you, just like an app window in visionOS. See [Move, resize, and close app windows on Apple Vision Pro](#).
3. While you're connected, you can use your trackpad or mouse with your Mac as you normally would, as well as for visionOS apps. If you move the mouse or trackpad while looking at a window, the pointer appears in that window.

You can also continue using gestures to work with your visionOS apps.

4. To disconnect, tap .

Change the size of your Mac screen

After you've connected to your Mac, tap Mac Virtual Display above the window, then choose Standard, Wide, or Ultrawide.

What you need to use Mac Virtual Display

- Both devices must be signed in to the same Apple Account using two-factor authentication.

- To use Mac Virtual Display, your Mac must have macOS 14.0 or later installed. If you want to adjust the aspect ratio of the screen, your Apple Vision Pro must have visionOS 2.2 or later, and your Mac (with Apple silicon) must have macOS 15.2 or later.
- Both devices need iCloud Keychain turned on. On your Mac, go to System Settings > [your name] > iCloud > Passwords & Keychain (if you don't see Passwords & Keychain, first click See All), then turn on Sync this Mac. On your Apple Vision Pro, go to Settings  > [your name] > iCloud > Saved to iCloud > Passwords, then turn on Sync this Apple Vision Pro.
- Both devices must be within 10 meters (30 feet) of each other and have Bluetooth and Wi-Fi turned on. Neither device can be sharing its internet connection.
- If you want to share the pointer between your macOS and visionOS apps, Handoff must be turned on on both devices. On Apple Vision Pro, go to Settings  > General > Handoff. On your Mac, go to System Settings > General > AirDrop & Handoff.

Related

[Recenter your view on Apple Vision Pro](#)

[Learn basic gestures and controls on Apple Vision Pro](#)

Share what you're seeing

Use View Mirroring or AirPlay Receiver on Apple Vision Pro

You can use View Mirroring to mirror your view on another screen—such as your iPhone, iPad, Mac, Apple TV, or other compatible TV—so others around you can see what you're doing on Apple Vision Pro.

With AirPlay Receiver, devices can also mirror their screen or view to your Apple Vision Pro.

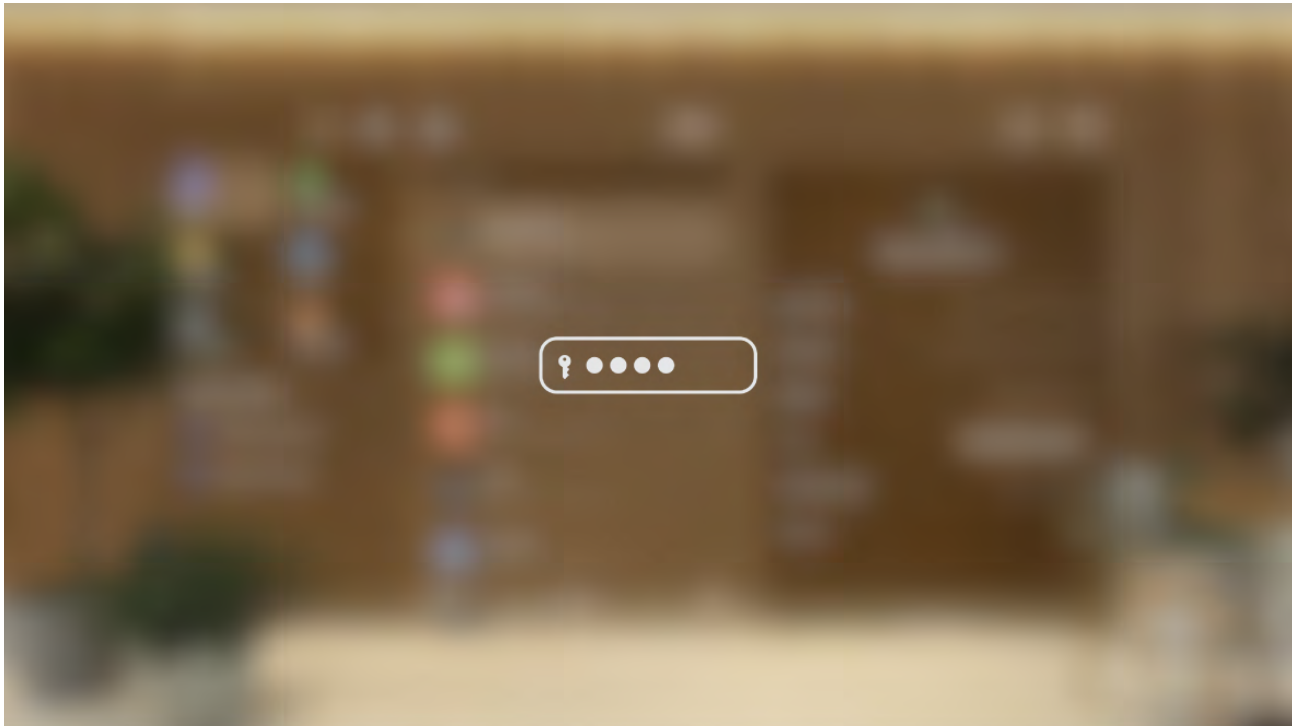
To collaborate and have shared spatial experiences with other people in the same room as you, see [Share apps and experiences with people nearby on Apple Vision Pro](#).

Use View Mirroring

Open Control Center, tap Mirror My View, then choose a compatible device from the list of available devices.

Only devices that are connected to the same Wi-Fi network as your Apple Vision Pro appear in the list.

Your view on Apple Vision Pro is shared on the screen you selected, but is obscured while you enter a password or passcode.



If you don't see your iPhone, iPad, Mac, or Apple TV in the list, turn on AirPlay or AirPlay Receiver:

- *On your iPhone or iPad:* Go to Settings  > General > AirPlay & Continuity, then turn on AirPlay Receiver. You can also adjust who can AirPlay to your device, or set a passcode.
- *On your Mac:* Go to System Settings > General > AirDrop & Handoff (on a Mac with macOS 12 or earlier, go to System Preferences > Sharing), then turn on AirPlay Receiver. You can also adjust who can AirPlay to your device, or set a passcode.
- *On your Apple TV:* Open Settings, select AirPlay and HomeKit, then select AirPlay to turn it on.

Show or hide notifications when you're sharing your view

1. Go to Settings  > Notifications > View Sharing.
2. Turn Allow Notifications on or off.

Allow other devices to mirror to your Apple Vision Pro

You can turn on AirPlay Receiver on your Apple Vision Pro so other devices can use AirPlay to mirror their screen or view to your device.

If you want to see and control your Mac with Apple Vision Pro, see [Use Mac Virtual Display on Apple Vision Pro](#).

1. Go to Settings  > General > AirPlay & Continuity.
2. Turn on AirPlay Receiver, then choose any of the following:
 - *Change who can mirror to your Apple Vision Pro:* Tap Allow AirPlay For, then tap Current User or Everyone.
 - *Require a password:* Turn on Require Password, then set the password.

Mirrored content from the other device appears in a window on your Apple Vision Pro.

Related

[Recenter your view on Apple Vision Pro](#)

[Learn basic gestures and controls on Apple Vision Pro](#)

Share apps and experiences with people nearby on Apple Vision Pro

Share and collaborate on content with other people in the same room, including sharing spatial experiences with other Apple Vision Pro users.



No text track for this video.

Start a shared session with people in the same room as you

1. In [Home View](#), tap People  in the [tab bar](#), then tap Nearby.
2. Tap the person (or group of people) you want to start a shared session with.

To start a session with someone, you must be in each other's contacts list. If they use Apple Vision Pro, they must turn on Allow Nearby People in Settings  > General > Window Sharing.

3. Tap Connect.

To join the shared session, recipients tap Join.

4. Open an app that you want to share or collaborate in. The [window bar](#) turns green to indicate that it's being shared.

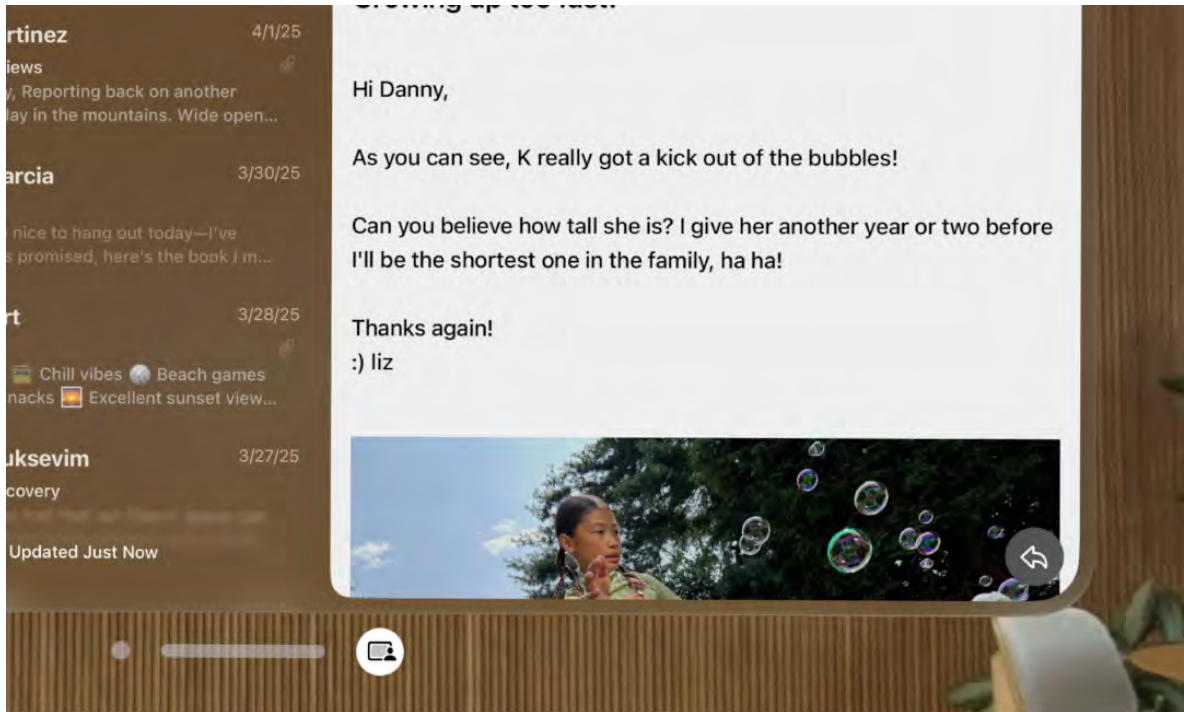
If others are using Apple Vision Pro, the app or experience appears in the same place for everyone in the room. All participants in the shared session can:

- [Move](#) or [resize](#) shared windows and objects
- [Lock](#) an app in place or snap it to shared surroundings
- [Recenter](#) the view to reposition the window in a place that everyone can see

People using devices other than Apple Vision Pro can see your view on their device, and collaborate on content in supported apps like Freeform .

Share an app or window with people nearby

You can start a shared session directly from the app you want to share.



1. Open the app you want to share or collaborate in.
2. Look to the right of the [window bar](#), then tap .
3. Under Share Nearby, tap the person (or group of people) you want to share with.

To share with someone, you must be in each other's contacts list. If they use Apple Vision Pro, they must turn on Allow Nearby People in Settings  > General > Window Sharing.

4. Tap Share Window. The window bar turns green to indicate that it's being shared.

To join the shared session, recipients tap Join.

Invite remote participants to a shared session

You can add remote participants to a shared session. Tap , tap Add Participant, then tap the person you want to invite to the shared session.

If someone who's using Apple Vision Pro joins a shared session remotely, they appear as their Persona, and can view and manipulate shared content just like others in the same room can. Remote participants who use other devices appear in a window next to the shared app.

Turn off nearby sharing

Go to Settings  > General > Window Sharing, then turn off Allow Nearby People.

Use SharePlay in FaceTime calls on Apple Vision Pro

With SharePlay on Apple Vision Pro, you can stream TV shows, movies, and music in sync, and look at photos with friends and family while on a FaceTime call together. Enjoy a real-time connection with others on the call—with synced playback and shared controls, you see and hear the same moments at the same time. With smart volume, media audio is adjusted dynamically, so you can continue to chat while watching or listening. You can also play supported multiplayer games in Game Center with friends during a FaceTime call.

Note: Some apps that support SharePlay require a subscription. To watch a movie or TV show together, every participant needs to have access to the content on their own device, through either a subscription or purchase, on a device that meets the minimum system requirements. SharePlay may not support the sharing of some movies or TV shows across different countries or regions. FaceTime, some FaceTime features, and other Apple services may not be available in all countries or regions.

Watch videos and listen to music together during a FaceTime call

You can watch movies and TV shows, listen to an album or favorite playlist, and view photos and videos during a FaceTime call with your friends and family.

1. [Start a FaceTime call](#).
2. Open an app that supports SharePlay (for example, the Apple TV app .

When you open the app, a message appears above it to indicate that it supports SharePlay, or that it can start using SharePlay automatically.

3. Tap what you want to watch or listen to together, then tap SharePlay (if it appears) to begin watching or listening with everyone on the call. (Others on the call may have to tap Join SharePlay.)

For everyone on the call who has access to the content, it starts playing at the same time. People who don't have access are asked to get access (through a subscription, a transaction, or a free trial, if available).

Each person using SharePlay can use the playback controls to play, pause, rewind, or fast-forward. (Settings like closed captioning and volume are controlled separately by each person.) If you're listening to music, anyone using SharePlay can add songs to the shared queue.

You can keep watching or listening while using another app—order food, check your email, or jump into the Messages app with no interruptions to the sound of the music or video.

View photos and videos together during a FaceTime call

You can look at photos and videos from the Photos app during a FaceTime call with other friends and family members who have Apple Vision Pro.

1. Start a FaceTime call.
2. Open the Photos app .
3. Tap the photo or video you want to share, then tap SharePlay so everyone on the call can see it.

Others on the call can only view the photos and videos you choose to share from your library. If you're playing a video and someone scrubs to another part, the video syncs for everyone on the call. (Settings like volume are controlled separately by each person.)

Start a FaceTime call from a music or video app

While you're browsing or watching content in a supported video or music app, you can start a FaceTime call and share the content in sync with others using SharePlay.

1. Open an app that supports SharePlay (for example, the Apple TV app .
2. Pinch and hold the content you want to share, tap Share, then tap SharePlay.
3. Tap SharePlay again, then tap New FaceTime.
4. In the To field, enter the contacts you want to share with, then tap Invite.

When the FaceTime call connects, the content starts playing. To begin viewing, recipients tap Open.

Play games in Game Center with friends during a FaceTime call

You can play supported multiplayer games with friends in Game Center on a FaceTime call. You must first [Set up your Game Center profile](#) in Settings, add friends, then find and download a supported multiplayer game for Game Center in the App Store.

During a FaceTime call, open the game, tap Start SharePlay, then follow the instructions.

See [Play with friends in Game Center on Apple Vision Pro](#).

When you purchase access to movies, TV shows, music, music videos, ebooks, audiobooks, or ringtones from Apple, you also have the option to permanently download these items to a compatible Apple Vision Pro, iPhone, iPad, Mac, or PC. Apple cannot revoke your downloaded content, and you can always access your downloaded content without an internet connection.

Related

[Make or receive a FaceTime call on Apple Vision Pro](#)

Let others use your Apple Vision Pro

Let others use your Apple Vision Pro

With Guest User, other people can use your Apple Vision Pro, and you can choose which apps they can use. Guests complete eye and hand setup when they put on Apple Vision Pro, but these settings will revert to yours when the Guest User session ends.

Note: Only one guest's eye and hand data can be saved at a time. If they don't use their eye and hand setup again within 30 days, they have to complete eye and hand setup again the next time they use Guest User. Your eye and hand setup is not affected.

In visionOS 2.4 and later, when a guest puts on Apple Vision Pro and requests Guest User access, you can start Guest User right from your nearby iPhone or iPad, without having to wear Apple Vision Pro first.

Guest users can't access your Optic ID, Apple Pay, EyeSight, or Persona.

Important: Apple Vision Pro is designed to fit and be used by individuals 13 years of age or older.

Set up your nearby iPhone or iPad to allow guest access

If you have an iPhone with iOS 18.4 or later, or an iPad with iPadOS 18.4 or later, and it's signed in to the same Apple Account as your Apple Vision Pro, you can allow guest access from the device when it's nearby.

1. On your Apple Vision Pro, go to Settings  > Optic ID & Passcode.
2. Tap Enable Guest User with Nearby Device.

Once you set up your iPhone or iPad, you can use it to start a Guest User session on your Apple Vision Pro.

Start a Guest User session from your nearby iPhone or iPad

1. Let the guest put on your Apple Vision Pro.

When prompted, the guest must press the Digital Crown.

2. On your iPhone or iPad, follow the onscreen instructions to allow access to your device, and choose which apps the guest can use.

3. Once the session begins, View Mirroring starts automatically on the device you used to start the session. You can swipe up or tap  to hide it.

To show View Mirroring again, tap Guest User on the Lock Screen.

Start a Guest User session from Apple Vision Pro

1. Open [Control Center](#), then tap Guest User.
2. To choose which apps the guest can use, do one of the following:

- *Select Apps:* Lets you select the apps a guest can use.

Some options may require that you set a passcode. See [Set or change the passcode](#).

- *All Apps:* Lets the guest open all apps.

Important: If you give a guest access to all apps, they have access to information in apps like your deleted Messages, Safari browsing history, calendar events, and emails. Your Optic ID, Apple Pay, EyeSight, and Persona stay private.

3. To start the Guest User session, tap Start, then remove Apple Vision Pro and let the guest user put it on. To cancel the session instead, open Control Center, then tap End.

If Apple Vision Pro is not put on within 5 minutes, the session automatically ends. If you have a passcode, the device also automatically locks.

4. When the guest puts on the device, they are prompted to complete eye and hand setup, including enrolling their own [ZEISS Optical Inserts](#) if they have them. They can also [scan in their vision prescription information](#) from the Apple Vision Pro app.

If they previously saved their Guest User setup to their iPhone or iPad, they can use their device to quickly load their setup when they put on Apple Vision Pro.

Save a Guest User setup

If someone frequently uses your Apple Vision Pro, they can save their Guest User setup so it's available whenever they use your device. To save their setup, your guest should do the following:

1. Open Control Center, then tap Guest User.
2. Tap Save Setup to iPhone or iPad.
3. When prompted, look at the iPhone or iPad you want to save your Guest User setup on, then follow the onscreen instructions.

Note: To use this feature, you need an iPhone with iOS 26 or later or an iPad with iPadOS 26 or later.

The next time this guest puts on Apple Vision Pro, they can use their iPhone or iPad to load their Guest User setup.

Adjust settings and more during a Guest User session

While someone else is using your device with Guest User, they can adjust accessibility settings to meet their needs, as well as redo eye and hand setup, or delete their setup.

Tip: If you want to follow along with what the guest is doing, they can mirror their view. See [Use View Mirroring or AirPlay Receiver on Apple Vision Pro](#).

1. Open Control Center, then tap Guest User.

2. Do any of the following:

- *Redo eyes and hands:* Tap Redo Eye & Hand Setup.
- *Adjust accessibility settings:* Tap Accessibility Settings, then choose the settings and features you want.

The device owner's settings aren't impacted. For example, if a guest uses VoiceOver and the device owner doesn't, VoiceOver is turned off when the Guest User session ends.

- *Save your Guest User setup:* Tap Save Setup to iPhone or iPad to save your Guest User settings for later use.
- *Delete saved eye and hand data:* Tap Delete Eye & Hand Setup.

This only affects the eye and hand data of the guest.

- *Learn about how Guest User protects user privacy:* Tap Guest User & Privacy.

End a Guest User session

Do any of the following:

- *End the session from Apple Vision Pro:* Take off Apple Vision Pro.
- *End the session from your iPhone or iPad:* On the Lock Screen, tap  next to Guest User.

This option is only available if you've set up your iPhone or iPad to start a Guest User session.

To use your Apple Vision Pro, guests may need to adjust the fit, or they may need a different size Light Seal or head band. See [Adjust the fit of your Apple Vision Pro](#) and [Attach or remove the Apple Vision Pro Light Seal or head band](#).

Related

[Open Control Center on Apple Vision Pro](#)

[Search on Apple Vision Pro](#)

Apple Intelligence

Get started with Apple Intelligence on Apple Vision Pro

Apple Intelligence* is the personal intelligence system built into visionOS. It combines the power of generative models with an understanding of your personal context to deliver intelligence that's useful and relevant. Apple Intelligence is designed to understand and create language and images and prioritize and summarize notifications, mail, and messages. And it does all this while protecting your privacy.

Note: Apple Intelligence is not available in all languages or regions.** To access the most recent available features, make sure you're using the [latest version of visionOS](#).

Turn on Apple Intelligence

To get started with Apple Intelligence on your Apple Vision Pro, go to Settings  > Apple Intelligence & Siri, then turn on Apple Intelligence.

You may be given the option to turn on Apple Intelligence when you set up or update your device.

Use the new Apple Intelligence features

- [Use Writing Tools with Apple Intelligence on Apple Vision Pro](#)
- [Use Apple Intelligence in Mail on Apple Vision Pro](#)
- [Use Apple Intelligence in Messages on Apple Vision Pro](#)
- [Create original images with Image Playground on Apple Vision Pro](#)
- [Create Genmoji with Apple Intelligence on Apple Vision Pro](#)
- [Use Apple Intelligence in Photos on Apple Vision Pro](#)
- [Summarize notifications and reduce interruptions with Apple Intelligence on Apple Vision Pro](#)
- [Use ChatGPT with Apple Intelligence on Apple Vision Pro](#)

- [Apple Intelligence and privacy on Apple Vision Pro](#)
- [Block access to Apple Intelligence features in Screen Time on Apple Vision Pro](#)

And more...

More Apple Intelligence features will become available in the coming months. See the [Apple Intelligence website](#) for details.

To turn Apple Intelligence off, go to Settings  > Apple Intelligence & Siri, then tap the button next to Apple Intelligence.

*Apple Intelligence uses generative models, and outputs may be inaccurate, unexpected, or offensive. Check important information for accuracy.

**Apple Intelligence is available in beta with support for the following languages: Chinese (Simplified), English, French, German, Italian, Japanese, Korean, Portuguese (Brazil), and Spanish. Some features may not be available in all languages or regions. For more information on language and feature availability or system requirements, see the Apple Support article [How to get Apple Intelligence](#).

Use Writing Tools with Apple Intelligence on Apple Vision Pro

With Apple Intelligence,* you can use Writing Tools to proofread your work, create different versions of the same text to help you find the right wording and tone, summarize selected text, and compose content from scratch. Writing Tools are available in most places you write, including third-party apps and websites.

Note: Apple Intelligence is not available in all languages or regions.** To access the most recent available features, make sure you're using the [latest version of visionOS](#) and [have Apple Intelligence turned on](#).

Proofread text

1. Select the text you want to refine, tap , then tap Writing Tools.
2. Tap Proofread.

Apple Intelligence checks your text for grammatical and spelling errors. All changes are underlined with a glowing line.

3. Do any of the following:

- *Switch between the updated and original versions of your text:* Tap Original.
- *View changes and an explanation for each change:* Tap  and .
- *Revert to the unedited version of your text:* Tap Revert.

4. When you're finished, tap Done.

Rewrite text

With Writing Tools, you can rewrite text you've just written—like class notes or a blog post—to ensure everything reads just right. You can also adjust the tone of your writing to suit the audience and task at hand.

1. Select the text you want to refine, tap , then tap Writing Tools.
2. Do any of the following:
 - *Rewrite text*: Tap Rewrite.
 - *Rewrite the text in a particular tone*: Tap Friendly, Professional, or Concise.
 - *Rewrite the text based on a description*: Tap “Describe your change,” then enter a description—“Turn this into a poem” or “Make this more enthusiastic,” for example.

A rewritten version of your text appears.

3. Do any of the following:
 - *Try the rewrite again*: Tap Rewrite.
 - *Switch between the updated and original versions of your text*: Tap Original.
 - *Revert to the unedited version of your text*: Tap Revert.

4. When you're finished, tap Done.

Summarize and organize text

After writing or reading text, you can use Apple Intelligence to generate a summary. You can also have the summary presented as bulleted key points, or have the original text organized in a list or in a table.

1. Select the text you want to refine, tap , then tap Writing Tools.
2. To summarize text, do any of the following:
 - *Summarize text*: Tap Summary.
 - *Summarize the key points of the text*: Tap Key Points.
 - *Organize the original text in a list*: Tap List.
 - *Organize the original text in a table*: Tap Table.

A rewritten version of your text appears.

3. After viewing the summary, do any of the following:

- *Copy the summary:* Tap Copy.
- *Replace the original text with the summary:* Tap Replace.

Note: Replace doesn't appear if the original text can't be edited—for example, if it's in a webpage.

- *Share the summary:* Tap Share, then choose a share option.

Compose text

In visionOS 2.4 or later, if you turn on the ChatGPT*** extension, you can compose text with Writing Tools. To get started with ChatGPT, see [Use ChatGPT with Apple Intelligence on Apple Vision Pro](#).

Note: You must be at least 13 years old or the minimum age required in your country to consent to use ChatGPT. For more information, see [OpenAI Terms of Use](#).

1. Tap the text field, tap , then tap Writing Tools.
2. Tap Compose.
3. Describe what you want ChatGPT to write—for example, “A bedtime story about a girl who visits a magical world where she befriends a caterpillar on its journey to becoming a butterfly”—then tap .

You may be asked to add more details. Tap a field, enter your response, then tap Update. You can also tap Ignore.

4. After viewing the text, do any of the following:

- *Rewrite text:* Tap Rewrite.
- *Incorporate suggestions by ChatGPT:* Tap an option, then tap Send.
- *Undo a change:* Tap Revert.

5. When you're finished, tap Done.

To block access to the ChatGPT extension, see [Block access to ChatGPT](#).

*Apple Intelligence uses generative models and outputs may vary. Check important information for accuracy.

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***ChatGPT uses generative models and outputs may vary. Check important information for accuracy.

Related

[Use Apple Intelligence in Mail](#)

[Create and format notes on Apple Vision Pro](#)

Create original images with Image Playground on Apple Vision Pro

In the Image Playground app, you can use Apple Intelligence* to combine concepts, text descriptions, and people from your photo library to create stylized images within seconds. You can also use Image Playground to create images in Messages, Freeform, and more.

Note: Apple Intelligence is not available in all languages or regions.** To access the most recent available features, make sure you're using the [latest version of visionOS](#) and [have Apple Intelligence turned on](#).

Create an image

You can combine up to seven elements to create original images.

1. Go to the Image Playground app  on your Apple Vision Pro.
2. Tap New Image, then do any of the following:
 - *Create an image from a concept:* Tap a suggestion, or tap Show More, then tap > to browse themes, expressions, costumes, accessories, and places. Tap a concept to include it in your image.
 - *Create an image from a description:* Tap the “Describe an image” field, enter a description, then tap Done.
 - *Create an image of a person:* Tap the Person button, then choose a person from your photo library.

To add a person from Photos, you need to [name them in the Photos app](#). If you provide a description that's different from the image you use—for example, the name in Photos doesn't match the name in your description—your image is personalized based on the photo you selected rather than the text description.

Tip: You can also create an image of a person without using a photo from your library. Tap the Person button, tap Appearance, choose a skin tone and appearance setting, then tap Done.

- *Create an image based on a photo, such as an image of a pet, nature, or food:* Tap , then choose a photo.

- *Change the image style:* Tap Style at the top of the window, then tap Animation, Illustration, or Sketch. To choose a style from the [ChatGPT extension](#), tap ChatGPT, then tap a style.

Note: Changing the image style creates a new set of previews.

3. To see variations of an image, tap the bubble preview, then swipe.
4. When you're happy with your image, tap Save in the top-right corner to save it to your gallery.

In addition to using the Image Playground app, you can also use Image Playground features to create original images in apps like Freeform and Messages. See [Create original images in Freeform](#) and [Create and send original images in Messages](#).

Edit or refine your image

1. Go to the Image Playground app  on your Apple Vision Pro.
2. In the gallery, tap an image, then tap Edit.
3. Do any of the following:

- *Add a concept:* Tap a suggested concept.

Tap Show More, then swipe left to see suggested themes, costumes, accessories, and places.

- *Add a description:* Tap the “Describe an image” field, then enter a description.
- *Add an image of a person:* Tap Person, then choose a person from your photo library.

To add a person or pet from Photos, you need to [name them in the Photos app](#). If you provide a description that's different from the image you use—for example, the name in Photos doesn't match the name in your description—your image is personalized based on the photo you selected rather than the text description.

Tip: You can also add an image of a person without using a photo from your library. Tap the Person button, tap Appearance, choose a skin tone and appearance setting, then tap Done.

- *Edit an image of a person:* If you already added a person and you want to change the image, tap Person, tap Edit, choose a new starting point, then tap .

To change the appearance, tap Person, tap Edit, make adjustments, then tap .

- *Add a photo—such as an image of a pet, nature, or food:* Tap , then choose a photo.
- *Change the image style:* Tap Style at the top of the window, then tap Animation, Illustration, or Sketch. To choose a style from the [ChatGPT extension](#), tap ChatGPT, then tap a style.

Note: Changing the image style creates a new set of previews.

- *Remove a concept:* Tap .

4. When you're happy with your image, tap Done to save it to your gallery.

If you're editing a previously saved image, you're asked if you want to update it or save it as a new image.

To view the image in your gallery, tap .

Copy, share, or save an image

1. Go to the Image Playground app  on your Apple Vision Pro.
2. Tap a photo in your gallery, then tap Edit.
3. Tap , then tap Copy, Share, or Save Image.

Delete an image

Note: If you delete an image from Image Playground, it's deleted on all your devices where you're signed in to the same [Apple Account](#).

1. Go to the Image Playground app  on your Apple Vision Pro.
2. Tap an image in the gallery, then tap .

Create original images in Freeform

You can create images with Image Playground directly in the Freeform app.

1. Go to the Freeform app  on your Apple Vision Pro.
2. Open a board or create a new one.
3. Do one of the following:
 - *Create a new image:* Tap  in the toolbar, choose Image Playground, then [create an image](#).
 - *Use elements from your board:* Select up to six images, drawings, text boxes, stickies, or shapes that you want to use, tap them, then tap Add to Playground.
4. Tap Done to add the image to your board.

To block access to image creation features, like Image Playground, see [Block access to image creation features](#).

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Related

Create Genmoji with Apple Intelligence on Apple Vision Pro

Create Genmoji with Apple Intelligence on Apple Vision Pro

With Apple Intelligence,* you can create custom emoji—called Genmoji. Simply describe what you want the Genmoji to look like or create one of a friend or family member based on their photo. You can add Genmoji to messages, [share them as a sticker](#) or [Tapback](#), and more.

Note: Apple Intelligence is not available in all languages or regions.** To access the most recent available features, make sure you're using the [latest version of visionOS](#) and [have Apple Intelligence turned on](#).

Create Genmoji

1. Tap a text field, then tap  to switch to the emoji keyboard.
2. Tap  in the virtual keyboard, then enter a description in the Describe a Genmoji field, like “Rainbow cactus.”

After seeing the results of your initial description, you can alter your Genmoji simply by changing the description in the New Genmoji screen. For example, if the original description was “Giraffe riding a unicycle,” you can update the Genmoji by typing “Purple giraffe riding a unicycle across the ocean.”

3. Tap Done.
4. To add a Genmoji to a message, swipe through to find the Genmoji you want to use, then tap Add.

To create a Genmoji based on a photo, enter the name of a person who's recognized in your photo library, add a description—“Danny celebrating his 35th birthday,” for example—then tap Create New Emoji.

Delete Genmoji

1. Tap  to switch to the emoji keyboard.
2. Tap .
3. Pinch and hold the Genmoji you want to delete, then tap Delete.

To block access to image creation features, like Genmoji, see [Block access to image creation features](#).

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Related

[Use Apple Intelligence in Messages on Apple Vision Pro](#)

Use Image Wand with Apple Intelligence on Apple Vision Pro

With Apple Intelligence,* you can use Image Wand in the Notes app to create images based on rough sketches you create. You can also select empty space to create an image based on words and images from the surrounding area.

Note: Apple Intelligence is not available in all languages or regions.** To access the most recent available features, make sure you're using the [latest version of visionOS](#) and [have Apple Intelligence turned on](#).

Create an image from a rough sketch

1. Go to the Notes app  on your Apple Vision Pro.
2. Open an existing note or tap the New Note button to start a new note.
3. Tap , create a sketch using your finger, then tap the Image Wand tool.
4. Circle your sketch, enter a description, then tap .
5. Swipe through the created images to find one you like.
6. Tap the Add button to choose a different style—Animation, Illustration, or Sketch.
7. To refine your image, tap a description, then edit it. To save it, tap Done.

Create an image from surrounding content

Apple Intelligence can create images based on the words and images around it.

1. Go to the Notes app  on your Apple Vision Pro.
2. Open a note, tap , then tap the Image Wand tool.

3. Circle an area near the content you want to illustrate.

Re-create an existing image

When you create an image with Image Playground, all the elements used to create it are saved—sketches, descriptions, characters, and people. You can modify, add, or subtract elements in an existing created image.

1. Tap a created image.
2. Tap , then add, modify, or remove elements.
3. When you're finished, tap Done.

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Related

[Use Apple Intelligence in Messages on Apple Vision Pro](#)

[Create original images with Image Playground on Apple Vision Pro](#)

Get webpage summaries with Apple Intelligence on Apple Vision Pro

With Apple Intelligence,* you can generate summaries of webpages in the Safari app.

Note: Apple Intelligence is not available in all languages or regions.** To access the most recent available features, make sure you're using the [latest version of visionOS](#) and [have Apple Intelligence turned on](#).

Summarize a webpage

1. Go to the Safari app  on your Apple Vision Pro.
2. Tap , then tap Show Reader.
3. Tap Summarize at the top of the page.

To return to the normal view, tap , then tap Hide Reader.

You can also use Writing Tools to summarize webpages. See [Use Writing Tools with Apple Intelligence](#).

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Related

[Summarize notifications and reduce interruptions with Apple Intelligence on Apple Vision Pro](#)
[Show Reader in Safari](#)

Summarize an audio recording on Apple Vision Pro with Apple Intelligence

You can record audio in Notes—like a class lecture or an important meeting—then use Apple Intelligence* to generate a summary of the transcript, so you can get to the most important information at a glance.

Note: Apple Intelligence is not available in all languages or regions.** To access the most recent available features, make sure you're using the [latest version of visionOS](#) and have [Apple Intelligence](#) turned on.

View a summary of an audio recording in Notes

After you [record audio](#) in the Notes app, you can see a summary of the recording. If you recorded a phone call on your iPhone, you can also view those summaries in Notes on your Apple Vision Pro.

1. Go to the Notes app  on your Apple Vision Pro.
2. Open a note with a recording.

Note: If you recorded a call on your iPhone, the recording appears in the Call Recordings folder.

3. Tap the recording, then tap Summary.

To copy or share the summary, tap  in the Summary dialog, then choose Copy Summary or Share Summary.

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Related

[Get Started with Notes on Apple Vision Pro](#)

Summarize notifications and reduce interruptions with Apple Intelligence on Apple Vision Pro

With its deep understanding of language, Apple Intelligence* can help condense the information most important to you. Notifications are summarized so you can scan them for key details, such as when a group chat is particularly active. Your Apple Vision Pro can also use Apple Intelligence to determine which notifications take priority over others. And the Reduce Interruptions Focus shows you only the notifications that might need immediate attention, like a text about an early pickup from daycare.

Note: Apple Intelligence is not available in all languages or regions.** To access the most recent available features, make sure you're using the [latest version of visionOS](#) and [have Apple Intelligence turned on](#).

Customize notification summaries

You can change what app notifications you want to summarize.

1. Go to Settings  > Notifications, then choose an app.
2. Turn Summarize Notifications on or off.

Turn priority notifications on or off

Your Apple Vision Pro can determine which notifications take priority over others. Priority notifications appear at the top of the stack, so you can catch up on what you may have missed.

1. Go to Settings  > Notifications.
2. Tap Prioritize Notifications, then turn Prioritize Notifications on or off.

Use the Reduce Interruptions Focus

The Reduce Interruptions Focus understands the content of your notifications and shows you the most important ones, but silences notifications that are less important.

You can customize the Reduced Interruptions Focus the same way you would any other Focus. Any notification you specifically allow or silence will always be allowed or silenced.

To customize the Reduced Interruptions Focus, follow these steps:

1. Go to Settings  > Focus.

2. Tap Reduce Interruptions.

If you don't see Reduce Interruptions, tap Add Focus, then choose Reduce Interruptions.

3. Tap Allowed People or Allowed Apps, or tap Set a Schedule.

Note: The Intelligent Breakthrough & Silencing setting is automatically turned on when you use the Reduce Interruptions Focus.

Use Intelligent Breakthrough & Silencing in Focus settings

You can turn on Intelligent Breakthrough & Silencing when you use any other Focus—for example, Personal. When this setting is active, the Focus intelligently allows important notifications to interrupt you and silences notifications determined not to be important when the Focus is turned on.

Note: When you turn on Intelligent Breakthrough & Silencing for any Focus, any notifications allowed or silenced will always be allowed or silenced.

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Related

[Set up a Focus or create a custom Focus](#)

Use Apple Intelligence with apps

Use Apple Intelligence in Mail on Apple Vision Pro

Apple Intelligence* makes it easier than ever to stay on top of your email. In addition to [using Writing Tools](#) to craft your outgoing messages, you can use Priority Messages to quickly view your most urgent emails, like a same-day dinner invitation or boarding pass. Smart Reply helps you compose a fast email response to ensure you've covered everything. You can also view summaries that automatically appear in your inbox, and generate summaries of complex emails and long email threads to view all the pertinent details.

Note: Apple Intelligence is not available in all languages or regions.** To access the most recent available features, make sure you're using the [latest version of visionOS](#) and [have Apple Intelligence turned on](#).

View Priority Messages in your inbox

1. Go to the Mail app  on your Apple Vision Pro.
2. Tap an inbox, tap , then tap Show Priority.

Time-sensitive emails appear at the top of your inbox.

Use Smart Reply in Mail

1. Go to the Mail app  on your Apple Vision Pro.
2. Tap an email, then tap .
3. Tap the Message field, then choose a suggested reply above the virtual keyboard.

Apple Intelligence drafts a reply in the email. To refine your reply, see [Use Writing Tools with Apple Intelligence on Apple Vision Pro](#).

4. When you're ready to send your reply, Tap .

Summarize your email

Apple Intelligence can help you summarize a complex email, or it can help you get caught up on a long email thread in seconds.

1. Go to the Mail app  on your Apple Vision Pro.

A short summary automatically appears under each email in your inbox.

2. Tap an email, then tap Summarize.

Note: You may need to scroll to the top of the email for Summarize to appear.

A summary appears above the email. If the email is part of a thread, the contents of the thread are summarized.

Turn email summary previews on or off

When you turn on Apple Intelligence, summaries automatically appear under your emails. You can turn off summaries and choose to see the first lines of the most recent message instead.

1. Go to Settings  > Apps > Mail.
2. Turn Summarize Message Previews on or off.

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Use Apple Intelligence in Messages on Apple Vision Pro

Apple Intelligence* allows you to get through your messages even faster with summaries that show you the key points of each conversation, and Smart Reply, which helps you quickly craft a response.

Note: Apple Intelligence is not available in all languages or regions.** To access the most recent available features, make sure you're using the [latest version of visionOS](#) and have [Apple Intelligence](#) turned on.

View message summaries

1. Go to the Messages app  on your Apple Vision Pro.
2. Look under a conversation on the left side of the Messages window to see a summary of unread messages in that conversation.

When you turn on Apple Intelligence, summaries of your unread message conversations appear automatically. To turn off summaries and instead see the most recent message in each conversation, go to Settings  > Apps > Messages, then turn Summarize Messages off.

Use Smart Reply in Messages

1. Go to the Messages app  on your Apple Vision Pro.
2. Select a conversation, tap the text field, then choose a suggested reply above the virtual keyboard.

Apple Intelligence drafts a reply in the text field. To refine your reply, see [Use Writing Tools with Apple Intelligence on Apple Vision Pro](#).

Create and send original images in Messages

You can create images with Image Playground directly in the Messages app.

1. Go to the Messages app  on your Apple Vision Pro.
2. Start a new message or select a conversation.
3. Tap  to the left of the message field, then tap Image Playground.
4. Create or tap an image, then tap Done.

Create your own Messages background

You can use Image Playground to create your own background of an iMessage conversation. For more information on Messages backgrounds, see [Add a background to a conversation](#).

1. Go to the Messages app  on your Apple Vision Pro.

2. Go to the conversation where you want to add a photo to the background.
3. Tap the name of the person or group at the top of the conversation, then tap Backgrounds.
4. Tap Playground, then tap suggestions or describe an image to create your background. See [Create original images with Image Playground on Apple Vision Pro](#).
5. When you're finished, tap Done to add the background to your conversation.

Tip: Customize your background even more by choosing a filter for your image—just swipe left to Black & White, Duotone, or Color Wash. You can also pinch the image in and out to crop it.

6. Tap Done to add the background to your conversation.

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Related

[Create Genmoji with Apple Intelligence on Apple Vision Pro](#)

Use Apple Intelligence in Photos on Apple Vision Pro

With Apple Intelligence,* you can find just about anything in the photos and videos you capture, and create memory movies of stories you want to see.

Note: Apple Intelligence is not available in all languages or regions.** To access the most recent available features, make sure you're using the [latest version of visionOS](#) and [have Apple Intelligence turned on](#).

Search for specific photos and videos with Apple Intelligence

Apple Intelligence makes it even easier to find a specific photo, or a key moment in a video—just describe what you want to find.

1. Go to the Photos app  on your Apple Vision Pro.
2. Tap the search field in the tab bar.
3. Type a description in the search field using natural language—"Maya skateboarding in a tie-dye shirt" or "Sadie cartwheeling on the grass," for example.
4. Do any of the following:

- *See all collections:* Tap , then tap Show All.
- *Select specific search results:* Tap Select, then select the photos and videos you want to share or add to an album.

Create a memory movie

You can create a custom memory movie of a story you want to see, right in Photos. Just type a description, and Apple Intelligence finds the best photos and videos, crafts a storyline with unique chapters and a narrative arc, and sets it to music.

1. Go to the Photos app  on your Apple Vision Pro.
2. In the Collections tab, scroll down to Memories, then tap Create.
3. Type a description of the movie you want to create from your library, then tap Done.

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Related

[Share photos and videos in Photos on Apple Vision Pro](#)
[Search for photos on Apple Vision Pro](#)

Use ChatGPT with Apple Intelligence on Apple Vision Pro

If you choose to allow your Apple Vision Pro to work with ChatGPT* from OpenAI, you can do the following:

Use ChatGPT with Writing Tools: ChatGPT can compose text or images from just a description.

Use ChatGPT with Image Playground: ChatGPT offers even more styles to choose from when creating images.

Connect your ChatGPT account: You don't need a ChatGPT account, but if you have one—free or paid—you can connect to your account. With a ChatGPT paid account, your Apple Vision Pro can use the most powerful ChatGPT capabilities more often.

You control when ChatGPT is used and will be asked before any of your information is shared.

Note: Apple Intelligence is not available in all languages or regions.** To access the most recent available features, make sure you're using the [latest version of visionOS](#) and [have Apple](#)

Intelligence turned on. The ChatGPT extension is available only in regions where the ChatGPT app and service are available. For more information, see [OpenAI Terms of Use](#).

Set up ChatGPT

When you first **compose text with Writing Tools**, you may be prompted to turn on the extension. You can also set up ChatGPT in Settings.

1. Go to Settings  > Apple Intelligence & Siri.
2. Tap ChatGPT, then tap Set Up.
3. Do one of the following:
 - *Use ChatGPT without an account:* Tap Enable Chat GPT.
 - *Use ChatGPT with an existing account:* Tap Use ChatGPT with an Account, then follow the onscreen instructions.

Note: If you want your requests saved to your ChatGPT chat history, you must be signed in to a ChatGPT account.

If you later decide to use ChatGPT with an account, go to Settings  > Apple Intelligence & Siri, tap ChatGPT, then tap Sign In.

Turn ChatGPT off

1. Go to Settings  > Apple Intelligence & Siri.
2. Tap ChatGPT, then turn the ChatGPT extension off.

If you want to prevent Siri from suggesting ChatGPT when you make a request, turn off ChatGPT, then turn off Setup Prompts.

To block access to the ChatGPT extension, see [Block access to ChatGPT](#).

ChatGPT and privacy

If you access the ChatGPT extension without an account, only your request and attachments like documents, photos, or contents of the document are sent to ChatGPT to answer your request. OpenAI does not receive any information tied to your Apple Account. Your IP address is obscured from ChatGPT, but your general location is provided. OpenAI must process your request solely for the purpose of fulfilling it and not store your request or any responses it provides unless required under applicable laws. OpenAI also must not use your request to improve or train its models. When you are signed in, your ChatGPT account settings and OpenAI's data privacy policies will apply.

For more information, see [ChatGPT Extension & Privacy](#).

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Related

[Use Writing Tools with Apple Intelligence on Apple Vision Pro](#)

[Apple Intelligence and privacy on Apple Vision Pro](#)

Apple Intelligence and privacy on Apple Vision Pro

Apple Intelligence* delivers intelligence that is relevant for you and grounded in your personal context while protecting your privacy with a groundbreaking step forward for privacy in AI. The cornerstone of Apple Intelligence is on-device processing, so it is aware of your personal information without collecting your personal information.

For more complex requests that require more computational capacity, Apple Intelligence can use Private Cloud Compute, which extends the privacy and security of your Apple products into the cloud to unlock even more intelligence. Private Cloud Compute uses larger, server-based models powered by Apple silicon. Your data is never stored. It is only used to fulfill your requests. And independent privacy and security researchers can verify this privacy promise at any time.

Note: Apple Intelligence is not available in all languages or regions.** To access the most recent available features, make sure you're using the [latest version of visionOS](#) and [have Apple Intelligence turned on](#).

About Private Cloud Compute

When a user makes a request, Apple Intelligence analyzes whether it can be processed on device. For more complex requests, it can draw on Private Cloud Compute, which extends the privacy and security of your Apple Vision Pro into the cloud. With Private Cloud Compute, only the data that is relevant to your request is processed on Apple silicon servers, before being removed. When requests are routed to Private Cloud Compute, data is not stored or made accessible to Apple, and is only used to fulfill the user's requests. Independent privacy and security researchers can inspect the code that runs on Apple silicon servers that enable Private Cloud Compute to verify this privacy promise at any time.

The Apple silicon servers that form the foundation of Private Cloud Compute provide unprecedented cloud security. This starts with the Secure Enclave, which protects critical encryption keys on the server just as it does on a user's Apple Vision Pro, while Secure Boot ensures the OS running on the server is signed and verified, just like in visionOS. Trusted Execution Monitor makes sure only signed and verified code runs, and attestation enables a user's device to securely verify the identity and configuration of a Private Cloud Compute cluster before sending a request. And to verify Apple's privacy promise, independent experts can inspect the software that runs on Private Cloud Compute servers.

Note: To learn more, go to [Private Cloud Compute: A new frontier for AI privacy in the cloud](#).

Create an Apple Intelligence privacy report

You can generate a report of requests your Apple Vision Pro has sent to Private Cloud Compute.

1. Go to Settings  > Privacy & Security.
2. Tap Apple Intelligence Report, then choose a report duration (the last 15 minutes or the last 7 days), or choose Off to disable the report.

Note: The report may be empty if there haven't been any Private Cloud Compute requests since you changed the duration.

3. Tap Export Activity, choose a place to store the file, then tap Export.

The report is saved as a file named `Apple_Intelligence_Report.json`.

4. Open the file with a text reader.

*Apple Intelligence uses generative models and outputs may vary. Check important information for accuracy.

**Apple Intelligence is available in beta with support for the following languages: Chinese (Simplified), English, French, German, Italian, Japanese, Korean, Portuguese (Brazil), and Spanish. Some features may not be available in all languages or regions. For more information on language and feature availability or system requirements, see the Apple Support article [How to get Apple Intelligence](#).

Related

[Use the built-in privacy and security protections of Apple Vision Pro](#)

Block access to Apple Intelligence features in Screen Time on Apple Vision Pro

You can turn on Content & Privacy Restrictions in Screen Time to restrict access to Apple Intelligence* features like Writing Tools, image creation features, and ChatGPT on supported devices.

Note: Apple Intelligence is not available in all languages or regions.** To access the most recent available features, make sure you're using the latest version of visionOS and have Apple Intelligence turned on.

Block access to image creation features

You can restrict access to image creation features like Image Playground, Genmoji, and Image Wand.

1. Go to Settings  > Screen Time.
2. Tap Content & Privacy, then turn on Content & Privacy restrictions.
3. Tap Intelligence & Siri, tap Image Creation, then tap Allow or Don't Allow.

Block access to Writing Tools

1. Go to Settings  > Screen Time.
2. Tap Content & Privacy, then turn on Content & Privacy restrictions.
3. Tap Intelligence & Siri, tap Writing Tools, then tap Allow or Don't Allow.

Block access to ChatGPT

1. Go to Settings  > Screen Time.
2. Tap Content & Privacy, then turn on Content & Privacy restrictions.
3. Tap Intelligence & Siri, tap ChatGPT Extension, then tap Allow or Don't Allow.

*Apple Intelligence uses generative models and outputs may vary. Check important information for accuracy.

**Apple Intelligence is available in beta with support for the following languages: Chinese (Simplified), English, French, German, Italian, Japanese, Korean, Portuguese (Brazil), and Spanish. Some features may not be available in all languages or regions. For more information on language and feature availability or system requirements, see the Apple Support article [How to get Apple Intelligence](#).

Related

[Create original images with Image Playground on Apple Vision Pro](#)

[Create Genmoji with Apple Intelligence on Apple Vision Pro](#)

[Use Writing Tools with Apple Intelligence on Apple Vision Pro](#)

[Use ChatGPT with Apple Intelligence on Apple Vision Pro](#)

App Store

Get apps in the App Store on Apple Vision Pro

In the App Store app, you can discover new visionOS apps for your Apple Vision Pro, as well as compatible iPhone and iPad apps. You need an internet connection and an [Apple Account](#) to use the App Store.

Note: Game Center, Apple Arcade, and Apple One aren't available in all countries or regions. See the Apple Support article [Availability of Apple Media Services](#). The availability of Apple Arcade games across devices varies based on hardware and software compatibility. Some content may not be available in all areas. See the Apple Support article [Apple Arcade game availability across devices](#).

Find apps

1. Go to the App Store  on your Apple Vision Pro.
2. Tap any of the following in the tab bar on the left:
 - *Apps & Games*: Browse curated new apps and games, and learn more about them with in-depth stories from the editors.
 - *Arcade*: Enjoy the curated collection of premium games from Apple Arcade (subscription required) without ads or in-app purchases.
 - *Search*: Enter what you're looking for, then tap Search on the keyboard.

You can tap Apple Vision near the top to see apps made for Apple Vision Pro, or tap iPhone & iPad to see compatible apps.

You can also use Siri to search the App Store. Say something like: "Siri, search the App Store for photo editing apps." [Find out what Siri can do on Apple Vision Pro](#).

To see curated lists of popular Apple Vision Pro apps, check out featured stories in the [App Store](#) or the [Apple Vision Pro Services Guide](#).

Get more info about an app

1. Go to the App Store  on your Apple Vision Pro.

2. Tap an app to see information about it, including the following:

- Screenshots or previews
- Ratings and reviews
- Supported languages
- Game Center and Family Sharing support
- Game Controller supported or required
- Compatibility with other Apple devices
- File size
- Privacy information; see [Control access to information in apps on Apple Vision Pro](#)
- Accessibility information

Buy and download an app

1. Go to the App Store  on your Apple Vision Pro.
2. Find an app you want, then tap the price. If the app is free, tap Get.

If you see  instead of a price, you already purchased the app, and you can download it again for free.

3. If required, authenticate with Optic ID or your passcode to complete your purchase.

Share an app

1. Go to the App Store  on your Apple Vision Pro.
2. Tap an app to see its details.
3. Tap , then choose a sharing option.

Redeem a gift card or code

1. Go to the App Store  on your Apple Vision Pro.
2. Tap  or your picture at the top right.
3. Tap Redeem Gift Card or Code.

Related

[Apple Support article: If you can't redeem your Apple Gift Card or App Store & iTunes Gift Card](#)
[Subscribe to Apple Arcade on Apple Vision Pro](#)

[Connect keyboards, headphones, and other Bluetooth accessories to Apple Vision Pro](#)

Subscribe to Apple Arcade on Apple Vision Pro

In the App Store app, you can subscribe to Apple Arcade to enjoy unlimited access to a curated collection of premium games, without in-app purchases or ads.

You can also subscribe to Apple One, which includes Apple Arcade and other services. See the Apple Support article [Bundle Apple subscriptions with Apple One](#).

Note: Apple Arcade and Apple One aren't available in all countries or regions. See the Apple Support article [Availability of Apple Media Services](#). The availability of Apple Arcade games across devices varies based on hardware and software compatibility. Some content may not be available in all areas. See the Apple Support article [Apple Arcade game availability across devices](#).

Subscribe to Apple Arcade

1. Go to the App Store  on your Apple Vision Pro.
2. Tap Arcade in the [tab bar](#), then tap the subscription button.
3. Review the free trial (if eligible) and subscription details, then follow the instructions.

Share Apple Arcade with family members

When you subscribe to Apple Arcade or Apple One, you can use [Family Sharing](#) to share Apple Arcade with up to five other family members. Your family group members don't need to do anything—Apple Arcade is available to them the first time they open the App Store app after your subscription begins.

If you join a family group that subscribes to Apple Arcade or Apple One, and you already subscribe, your subscription isn't renewed on your next billing date; instead, you use the group's subscription. If you join a family group that doesn't subscribe, the group uses your subscription.

Note: To stop sharing Apple Arcade with a family group, you can cancel the subscription, leave the family group, or (if you're the family group organizer), stop using Family Sharing.

Play Apple Arcade games on your Apple devices

If you subscribe to Apple Arcade, you can play and access your game progress on your compatible devices where you're [signed in to your Apple Account](#). (Not all Apple Arcade games are available on Mac, Apple TV, or Apple Vision Pro.)

See the Apple Support article [Access your Apple Arcade gameplay data on all of your devices](#).

Change or cancel your Apple Arcade subscription

1. Go to Settings  > [your name] > Subscriptions.
2. Tap Apple Arcade, then follow the instructions.

If you cancel your subscription, you can't play any Apple Arcade games, even if you downloaded them to your Apple Vision Pro. Delete the games if you don't want them anymore.

You can resubscribe to play Apple Arcade games again and regain access to your gameplay data. If you wait too long, some of your gameplay data might not be supported after you resubscribe.

Related

[Play with friends in Game Center on Apple Vision Pro](#)

[Connect keyboards, headphones, and other Bluetooth accessories to Apple Vision Pro](#)

Play with friends in Game Center on Apple Vision Pro

In Game Center, you can send friend requests, manage your public profile, earn achievements, compete on leaderboards, and play with friends during a FaceTime call.

Set up your Game Center profile

1. Go to Settings  > Game Center, turn on Game Center, then [sign in to your Apple Account](#).
2. Do any of the following:
 - *Choose a nickname:* Tap Nickname, then enter a name or choose one of the suggestions. Your friends see your nickname when you play games together.
 - *Personalize your avatar:* Tap Edit Avatar, then use an emoji, or customize how your initials appear.

Add friends

1. Go to Settings  > Game Center > [your profile] > Friends.
2. Tap Add Friends, then enter their phone number or email address, or tap  to invite someone in your Contacts list.
3. Recipients can respond to friend requests in any of the following ways:
 - In Messages, tap the link.

- In a supported game, tap the Game Center profile picture, tap Friends, then tap Friend Requests.
- In the App Store, tap  or your picture at the top right, tap Game Center, then tap Friend Requests.

In your list of friends, tap a friend to see games they recently played and their achievements.

Play games with friends using SharePlay

You can find and download a Game Center multiplayer game in the App Store and play with friends while on a FaceTime call.

During the call, open a supported multiplayer game, tap Start SharePlay, then follow the instructions.

See

[Use apps, adjust settings, share your view, and more during a FaceTime call on Apple Vision Pro](#)

.

Report a user or remove a friend

You can report a user for cheating, an inappropriate picture or nickname, or another problem. You can also remove someone from your Friends list.

1. Go to Settings  > Game Center > *[your profile]* > Friends.
2. Tap the friend you want to report or remove, tap , then choose Report User or Remove Friend.

Set Game Center restrictions

You can set restrictions for multiplayer games, adding friends, private messaging, and more.

1. Go to Settings  > Screen Time > Content & Privacy Restrictions, then turn on Content & Privacy Restrictions.
2. Tap Content Restrictions, scroll down to Game Center, then set restrictions.

Related

[Subscribe to Apple Arcade on Apple Vision Pro](#)

[Get apps in the App Store on Apple Vision Pro](#)

[Connect keyboards, headphones, and other Bluetooth accessories to Apple Vision Pro](#)

[Use SharePlay in FaceTime calls on Apple Vision Pro](#)

Manage App Store purchases, subscriptions, settings, and restrictions on Apple Vision Pro

In the App Store app, you can review and download purchases made by you or other family members. You can also set restrictions and customize your preferences for the App Store in Settings .

If you share your Apple Vision Pro with someone else using Guest User, they don't have access to your payment method.

Find and download apps purchased by you or family members

1. Go to the App Store  on your Apple Vision Pro.
2. Tap  or your picture at the top right, then tap Purchased.
3. If you set up Family Sharing, tap My Purchases or choose a family member to view their purchases.

Note: You can see purchases made by family members only if they choose to share their purchases. Purchases made with Family Sharing may not be accessible after the family member leaves the family group.

4. Find the app you want to download (if it's still available in the App Store), then tap .

Change or cancel your App Store subscriptions

1. Go to Settings  > [your name] > Subscriptions.
2. Do any of the following:
 - Change an existing subscription.

To cancel a subscription, tap it, then tap Cancel Subscription or Cancel All Services.

- Renew an expired subscription.
- Share an eligible App Store subscription with other family members in your Family Sharing group.
- Turn on Renewal Receipts.

Change your App Store settings

1. Go to Settings  > Apps > App Store, then do any of the following:
2. Do any of the following:

- *Automatically install free and paid apps purchased on other Apple devices:* Turn on App Downloads.
- *Automatically update apps:* Turn on App Updates.
- *Automatically play app preview videos:* Turn on Video Autoplay.
- *Automatically remove unused apps:* Turn on Offload Unused Apps. You can reinstall an app at any time if it's still available in the App Store.

Set content restrictions

1. Go to Settings  > Screen Time > Content & Privacy Restrictions.
2. Turn on Content & Privacy Restrictions, then tap App Store, Media, Web, & Games.
3. Set restrictions, such as age rating.

Set download and purchasing restrictions

1. Go to Settings  > Screen Time > Content & Privacy Restrictions.
2. Turn on Content & Privacy Restrictions, tap iTunes & App Store Purchases, then choose Allow or Don't Allow for any of the following:
 - Installing Apps
 - Deleting Apps
 - In-App Purchases

You can also choose whether or not a password is required for additional purchases after a purchase is made.

Related

[Get apps in the App Store on Apple Vision Pro](#)

[Set content restrictions in Screen Time on Apple Vision Pro](#)

Install and manage fonts on Apple Vision Pro

You can download fonts from the App Store app , then use them in documents you create on Apple Vision Pro.

1. After you download an app containing fonts from the App Store, open the app to install the fonts.

2. To manage installed fonts, go to Settings ⓘ > General, then tap Fonts.

Related

[Create and format notes on Apple Vision Pro](#)

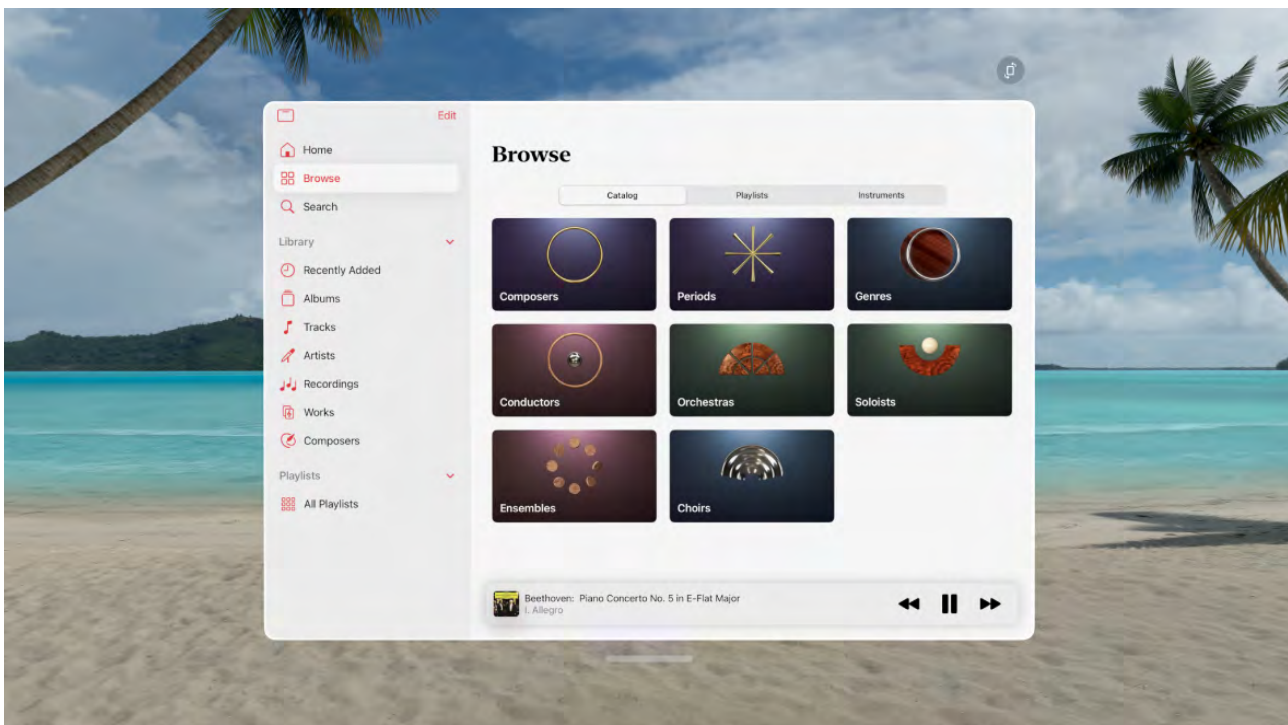
[Create and manage Freeform boards on Apple Vision Pro](#)

Apple Music Classical

Get started with Apple Music Classical on Apple Vision Pro

Apple Music Classical ⓘ is an iPad app you can install from the App Store ⓘ on Apple Vision Pro. Apple Music Classical is designed for classical music and available to Apple Music subscribers at no additional charge.

To learn more about using the Apple Music Classical app on your Apple Vision Pro, see the [Apple Music Classical User Guide](#).



Tips and tricks for Apple Music Classical on Apple Vision Pro

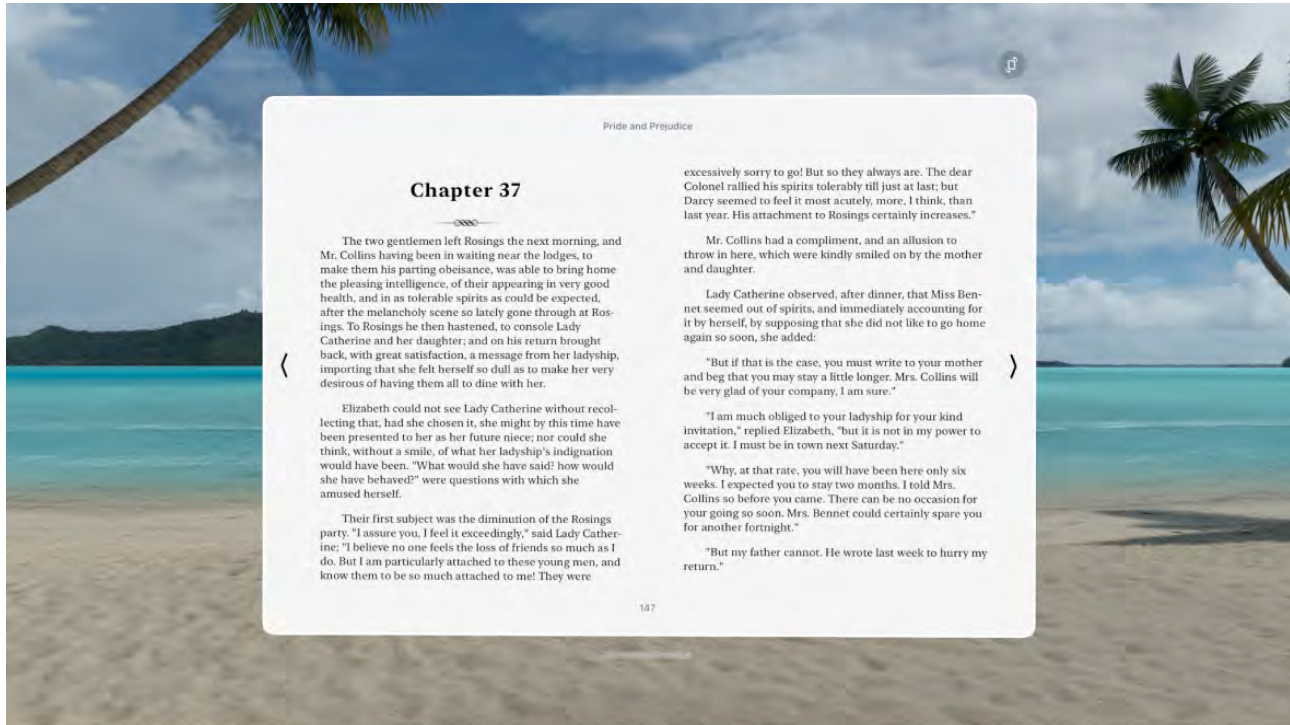
- When you're connected to the internet, you can use Apple Music Classical to stream classical music. To listen to music without an internet connection, you need to add it to your library, then download it using the Music app .
- When you add classical music to your library, you can also use the Music app to play it in the MiniPlayer. To learn more about how to open the MiniPlayer, see [Control playback in Music](#).
- To adjust settings for the Apple Music Classical app, go to Settings  > Apps > Apple Music Classical.

Books

Get started with Books on Apple Vision Pro

The Books app  is an iPad app that works with Apple Vision Pro. In Books, you can find today's bestsellers, view top charts, or browse lists curated by Apple Books editors. After you select a book or audiobook, you can read or listen to it right in the app.

To learn more about using the Books app on your Apple Vision Pro, see the [iPad User Guide](#).



Tips and tricks for Books on Apple Vision Pro

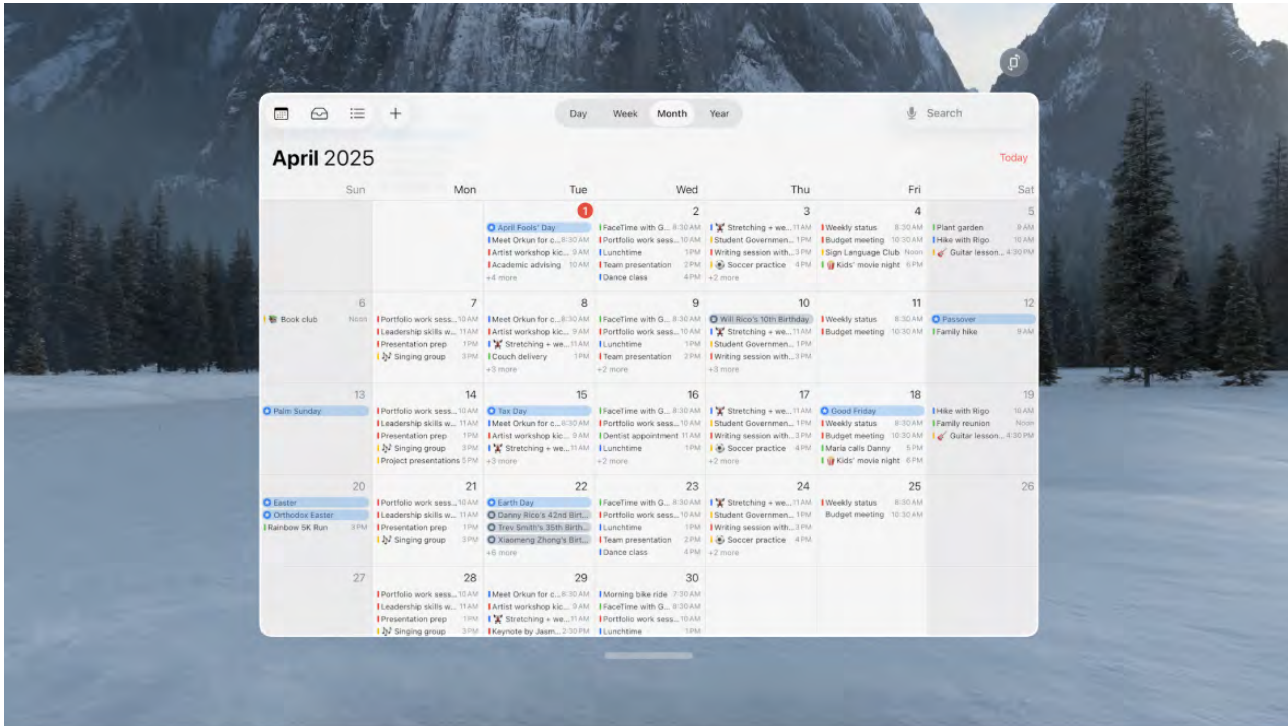
- To quickly move through a book in page view, tap  (you may need to tap the book to show the controls first), pinch and hold Contents, then drag your fingers left or right; release your fingers to go directly to that location in the book.
- To see your books, progress, and downloads across your devices where you're signed in to the same Apple Account, go to Settings  > [your name] > iCloud, turn on iCloud Drive and Books, then adjust any other settings you want.
- To adjust settings for the Books app, go to Settings  > Apps > Books.

Calendar

Get started with Calendar on Apple Vision Pro

The Calendar app  is an iPad app that works with Apple Vision Pro. In Calendar, you can keep track of all your events in one calendar, or create additional calendars to keep different types of events separate—like family and work.

To learn more about using the Calendar app on your Apple Vision Pro, see the [iPad User Guide](#).



Tips and tricks for Calendar on Apple Vision Pro

- **Create an iCloud calendar:** Tap , tap Add Calendar, enter a name for the calendar, then choose a color for it.
- **Subscribe to an external read-only calendar:** Tap , tap Add Subscription Calendar, enter the URL of the .ics file you want to subscribe to (and any other required server information), then tap Add.
- **Add a Holiday calendar:** Tap , tap Add Holiday Calendar, tap the holiday calendar you want to subscribe to, then tap Add.

Related

[Use iCloud calendar subscriptions](#)

Capture

Capture, view, and share spatial photos and videos on Apple Vision Pro

You can capture 3D spatial photos and videos on Apple Vision Pro. Spatial photos and videos take you back to a moment in time, like a celebration with friends or a special family gathering, so it feels like you're there again. You can view all your spatial photos and videos together in the Photos app.



Take a spatial photo or video



No text track for this video.

1. Press the [top button](#) to open Capture .
2. To choose whether you want to take a spatial photo or video, tap Photo or Video at the bottom.
3. Press the top button to take a spatial photo or start recording a spatial video.

To stop recording, press the top button again, or tap .

Best practices for capturing spatial photos and video

- Try to keep your head still while recording spatial video.

A crosshair appears in the center of your view while recording spatial video. If you move too much, the crosshair appears to move outside a circle. Keep the crosshair inside the circle for the most comfortable viewing experience. (If a video has excess motion, an alert appears when you tap  to view it in Immersive view.)

- Before you start a recording, a level appears through the shutter button if you tilt your head. You can use this as a guide to help make your photos and videos more level.
- Avoid capturing photo or video with subjects that are very close to you.

View your spatial captures

- *See a spatial photo or video you just captured:* Tap the thumbnail image in the lower-left corner of Capture .
- *See all your spatial photos and videos:* Go to the Photos app  on your Apple Vision Pro, then tap Spatial in the [tab bar](#). See [View photos, videos, and memories in Photos on Apple Vision Pro](#).

To view a spatial photo or video in Immersive view, tap  in Capture or Photos.

Share a spatial capture

1. Go to the Photos app  on your Apple Vision Pro.
2. Tap  next to the spatial photo or video you want to share, tap , then select an option such as AirDrop, Mail, or Messages.

Spatial photos and videos look 3D on Apple Vision Pro, and appear 2D on other devices. If you take spatial videos on iPhone 15 Pro or iPhone 15 Pro Max, you can share them with people who have Apple Vision Pro to view on their device.

Related

[View photos, videos, and memories in Photos on Apple Vision Pro](#)

[Take a capture or recording of your view on Apple Vision Pro](#)

[Share and add media, Memoji stickers, and more in Messages on Apple Vision Pro](#)

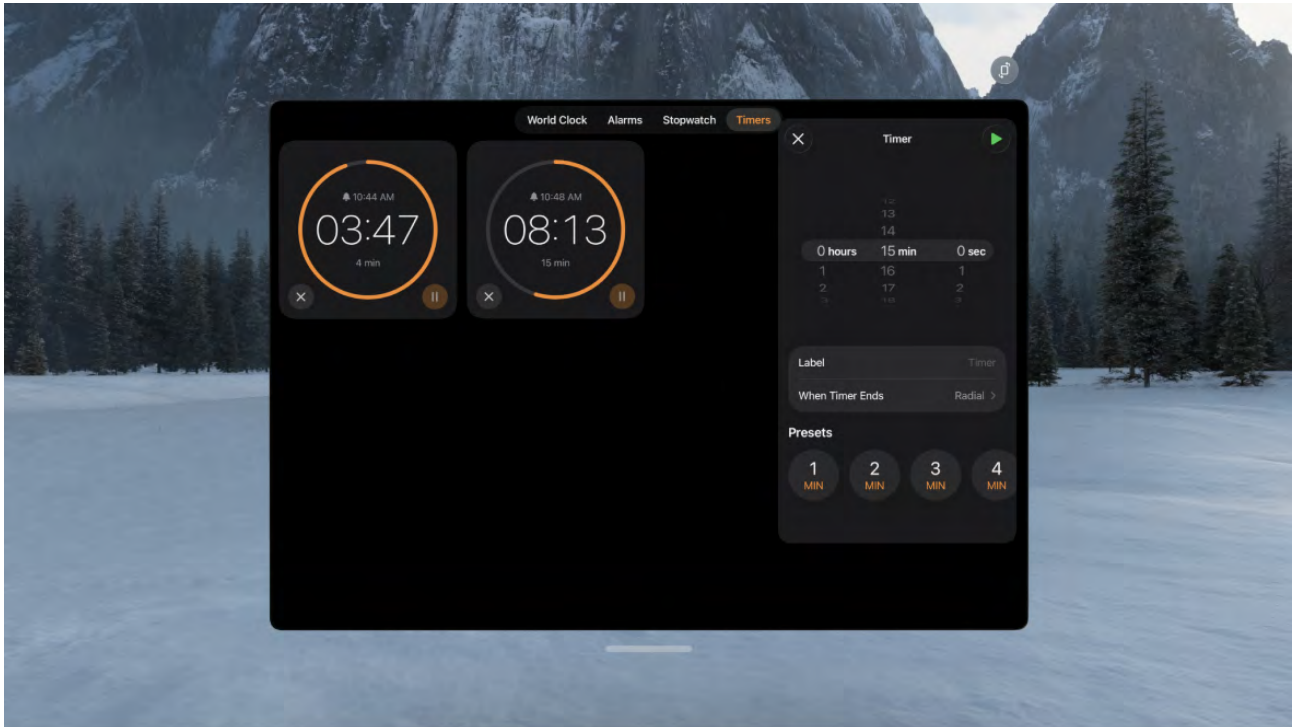
[Control Spatial Audio and head tracking on Apple Vision Pro](#)

Clock

Use the Clock app on Apple Vision Pro

The Clock app  is an iPad app that works with Apple Vision Pro. Use the Clock app to see the local time in cities around the world, set alarms, and use a stopwatch or timer.

To learn more about using the Clock app on your Apple Vision Pro, see the [iPad User Guide](#).



Tips and tricks for Clock on Apple Vision Pro

- To see the current time, look at your palm, then flip your hand over.
- To quickly start a timer with Siri, say something like “Siri, set a timer for 30 minutes.”
[Find out what Siri can do on Apple Vision Pro.](#)
- You can have multiple timers running at once; just tap **+** to add another.
- Alarms, stopwatches, and timers continue even if you close the Clock app.

Related

[Set up and activate Siri on Apple Vision Pro](#)

[Set the date, time, language, and region on Apple Vision Pro](#)

[Get started with Reminders on Apple Vision Pro](#)

Encounter Dinosaurs

Explore Encounter Dinosaurs on Apple Vision Pro

Encounter Dinosaurs is an interactive experience on Apple Vision Pro that lets you come face-to-face with dinosaurs.



Ways to explore

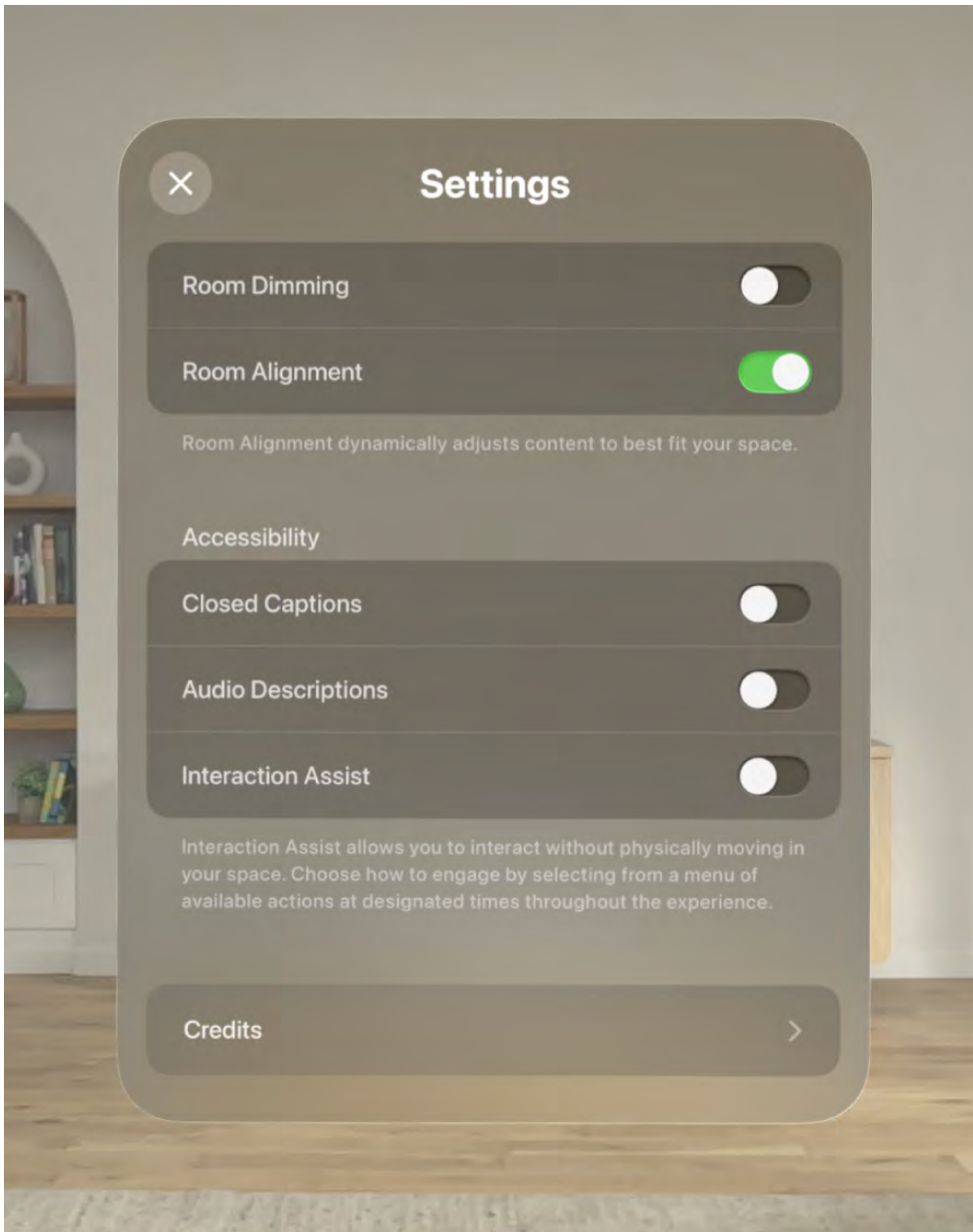
To get started, go to the Encounter Dinosaurs app  on your Apple Vision Pro, then tap Start.

As you go through the experience, here are a few ways you can explore:

- Try to touch or interact with different creatures. They may respond differently based on how you interact with them.
- If you move around during the experience, the creatures' eyes will follow your movements.
- Try the experience multiple times, as your actions can lead to different endings.

During the experience, Apple Vision Pro gradually reveals your surroundings if you move; you can continue to interact with the experience while this occurs. The experience returns to its previous immersion level when you stop moving. Always stay aware of your surroundings, as the experience may limit your ability to see objects around you. See [Prepare your space before using Apple Vision Pro](#) and [About immersion](#).

Adjust settings



Before you get started, you can adjust the settings for your experience.

1. Go to the Encounter Dinosaurs app  on your Apple Vision Pro.
2. Tap , then turn on the settings you want:
 - *Room Dimming*: Dim your room around the content.
 - *Room Alignment*: Allow content to automatically adjust to best fit your space.
 - *Audio Descriptions*: Use audio to describe what's happening in the experience.
 - *Closed Captions*: Show captions to describe what's happening in the experience.

- *Interaction Assist*: Lets you choose from a list of actions throughout the experience, rather than moving around your space.

FaceTime

Make or receive a FaceTime call on Apple Vision Pro

On Apple Vision Pro, you can start FaceTime calls from People View.



Start a FaceTime call

1. In [Home View](#), tap People  in the [tab bar](#), then tap New FaceTime.

You can also tap a contact in People View.

2. Type the name, number, or email address you want to call. You can call multiple people at once.
3. Tap  to make a video call or  to make an audio call.

Note: Not all FaceTime features and services are available in all countries or regions.

Receive a FaceTime call

When you see  at the top of your view, tap to select it, then tap Join.

You can also tap Join under the contact in People View.

To reject the call, tap Decline.

Create a link to a FaceTime call

You can create a link to a FaceTime call and send it to one person or a group, then they can use it to join or start a call.

1. In Home View, tap People in the tab bar, tap , then tap Create Link.
2. Choose an option for sending the link (for example, Mail or Messages), or tap Copy.

You can also add a name to the link, such as the name of a meeting or event.

In the Calendar app , you can schedule a remote video meeting by inserting FaceTime as the location of the meeting.

Note: You can use a link to invite anyone to join you in a FaceTime call, even people who don't have an Apple device. They can join you in one-on-one and Group FaceTime calls from their browser—no login is necessary. (They need the latest version of either Chrome or Edge. Sending video requires H.264 video encoding support.)

Start a FaceTime call from Messages

You can start a FaceTime call with someone right from a conversation in Messages.

1. Go to the Messages app  on your Apple Vision Pro.
2. Tap  at the top right of the Messages conversation, then tap FaceTime Video or FaceTime Audio.

You can pin favorite contacts, so they always appear at the top. Pinch and hold any contact, tap the contacts you want to pin, then tap Done. Pinned contacts have a star next to them in People View.



Related

[Leave or end a FaceTime call on Apple Vision Pro](#)

[Use spatial Persona on Apple Vision Pro](#)

Leave or end a FaceTime call on Apple Vision Pro

While you're on a FaceTime call on your Apple Vision Pro, tap the FaceTime window, then tap .

If there is only one other person on the call, the call ends for everyone. If the call was a group call, the call continues for other participants.

Note: If you take off Apple Vision Pro during a call, the call will automatically mute and resume when you put it back on (unless another person on the call ends the call).

Related

[Make or receive a FaceTime call on Apple Vision Pro](#)

Use apps, adjust settings, share your view, and more during a FaceTime call on Apple Vision Pro

During a FaceTime call on Apple Vision Pro, you can [move the FaceTime window](#) and make it larger or smaller as you would with other app windows in visionOS. You can also work in other apps, adjust audio and video settings, share your view, and more.



Use other apps

During a FaceTime call, you can continue working in your apps. By default, people on the call can't see what you're doing.

If you want others to be able to follow along with what you're doing, you can share your view. See [Share your view or a window](#).

Use Siri during a call

When you use Siri during a call, others on the call will hear your request, but won't hear Siri's response.

To share a window with others on the call, look at the app and say something like, "Siri, share this."

Turn audio or your Persona on or off

- *Show or hide your Persona during a call:* Tap .
- *Mute yourself:* Tap . Tap again to unmute.

You may have to tap the FaceTime window to see the controls.

Share your view or a window

If you want others to be able to see what you're doing, you can share your view or a window in your view.

- *Share your entire view:* Tap **...**, then tap Share Front Camera.

Note: Others on the call will see your entire view, including your Environment or your physical surroundings. Choose an Environment if you don't want them to see the room you're in. See [Use Environments on Apple Vision Pro](#).

- *Share a window:* Look to the right of the [window bar](#) in the app you want to share, tap , then tap Share Window. When you share an app window in a FaceTime call, its window bar turns green.

Windows that you share in a FaceTime call can also be shared with people in the same room as you. See [Share apps and experiences with people nearby on Apple Vision Pro](#).

If someone you're talking to on your Apple Vision Pro shares the view from their Apple Vision Pro or their screen on another device (like iPhone), it opens another window that you can move and resize.

You can also share your view by [using SharePlay in FaceTime](#), or by [starting a FaceTime call directly from](#) an app window.

Share an Environment

When you're on a FaceTime call, you can share an Environment with others who are using Apple Vision Pro, so everyone sees the same Environment.

1. During a call, open Home View, then tap Environments .
2. Tap an Environment, then tap Continue.

The Environment changes for everyone who joined the call from Apple Vision Pro.

Add more people

1. Tap **...**.

If you don't see the call controls, tap the FaceTime window.

2. Tap Add People, then choose a contact or enter someone's contact information.
3. Tap Invite.

You can also use SharePlay to stream TV shows, movies, and music in sync with friends and family while on a FaceTime call together. See [Use SharePlay in FaceTime calls on Apple Vision Pro](#).

Related

[Use SharePlay in FaceTime calls on Apple Vision Pro](#)

[Capture and edit your Persona on Apple Vision Pro](#)

Use spatial Persona on Apple Vision Pro

During a FaceTime call with others who have Apple Vision Pro, you can interact with their spatial Persona and hear each other with Spatial Audio, so it feels like you're together in the same room. Spatial Personas appear in your space, so you can all move around, make eye contact, or even use SharePlay to watch movies together, play games, collaborate, and more.

Note: To use spatial Persona, you need visionOS 1.1 or later. See [Update visionOS](#).

Turn on spatial Persona

Spatial Persona is on by default during a FaceTime call if at least one other person on the call has an Apple Vision Pro.

If it's turned off, tap  in the controls to turn it back on.

During the call

- When spatial Persona is turned on, call controls are available in [Control Center](#).
- You can use spatial Persona with up to five participants.
- You and other participants can see each other's Personas move around in space.
- To reposition a Persona in your space, look at the Persona, then pinch and drag it.
- The position of Personas changes depending on what you're doing in the call. For example, if you watch a movie together with SharePlay, other Personas appear next to you (like you're sitting next to each other in a movie theater), but if you play a game together with SharePlay, Personas may appear across from you (like you're sitting on opposite sides of a table while playing the game). You're still able to move around in your space and don't have to stay in that position.

If you move the app you're using (such as the Apple TV app), Personas move along with the window.

Turn off spatial Persona

Open Control Center, then tap .

The call continues, but Personas return to a tile in your view (and your Persona appears in a tile for others on the call).

Note: If one person turns off spatial Persona, others on the call aren't affected (unless there was only one other person on the call).

Related

[Make or receive a FaceTime call on Apple Vision Pro](#)

[Use SharePlay in FaceTime calls on Apple Vision Pro](#)

[Capture and edit your Persona on Apple Vision Pro](#)

Hand off a FaceTime call to another device

During a FaceTime call, you can move the call to another device—such as your Mac or iPhone—where you're signed in to the same Apple Account. If the call was started on another device, you can move it to Apple Vision Pro.

Note: Your selected contact information for the call, shown in Settings  > FaceTime (below You Can Be Reached By FaceTime At), must match the selected contact information in Settings > FaceTime on the device you want to hand off to.

1. Make sure the device you want to hand off the call to is turned on.
2. Do one of the following on the device you want to hand off the call to:
 - Tap the notification with the suggestion “Move call to this [device].”
 - Tap or click  at the top of the screen or view.

If you're moving a call to Apple Vision Pro, tap the FaceTime notification at the top of your view.

3. Make sure the camera, microphone, and audio settings are the ones you want, then tap Switch or Join.

The call moves to the new device. On the original device, a banner appears confirming that the call was continued elsewhere, along with the Switch button, which you can tap if you want to bring the call back.

Note: Apple Vision Pro doesn't support cellular call relaying from your iPhone, even if they're connected to the same Wi-Fi network. You can still answer these calls on your other Apple devices, like Mac or iPad.

Related

[Use apps, adjust settings, share your view, and more during a FaceTime call on Apple Vision Pro](#)

[Use Mac Virtual Display on Apple Vision Pro](#)

Block unwanted callers on Apple Vision Pro

You can block FaceTime calls from unwanted callers.

1. In Home View, tap People  in the tab bar.
2. Tap the name, phone number, or email address of the contact you want to block, tap ⋮, tap Info, then tap Info again.
3. Scroll down, tap Block Caller, then tap Block Contact.

Related

[Leave or end a FaceTime call on Apple Vision Pro](#)

Allow phone calls from your iPhone on Apple Vision Pro

You can relay phone calls through your iPhone to your Apple Vision Pro, so it's easy to stay in touch no matter which device you're on.

Before you begin

Make sure of the following:

- Both devices have Wi-Fi and Bluetooth® turned on.
- You're signed in to the same Apple Account on both devices.
- FaceTime is set up on your Apple Vision Pro, as well as on your iPhone. See [Get started with FaceTime on iPhone](#) in the iPhone User Guide.
- Your iPhone is set up to relay calls to other devices. See [Set up your iPhone to allow phone calls on your other devices](#) in the iPhone User Guide.

If you're using a VPN, make sure its configuration doesn't prevent local networking, as that may interfere with receiving calls from your iPhone on other devices.

Make and receive calls on Apple Vision Pro

After you set up your iPhone to allow calls on your other devices, you can make and receive phone calls on your Apple Vision Pro.

- *Make a call:* On your Apple Vision Pro, go to People View, tap or click New FaceTime, then enter a contact or phone number.

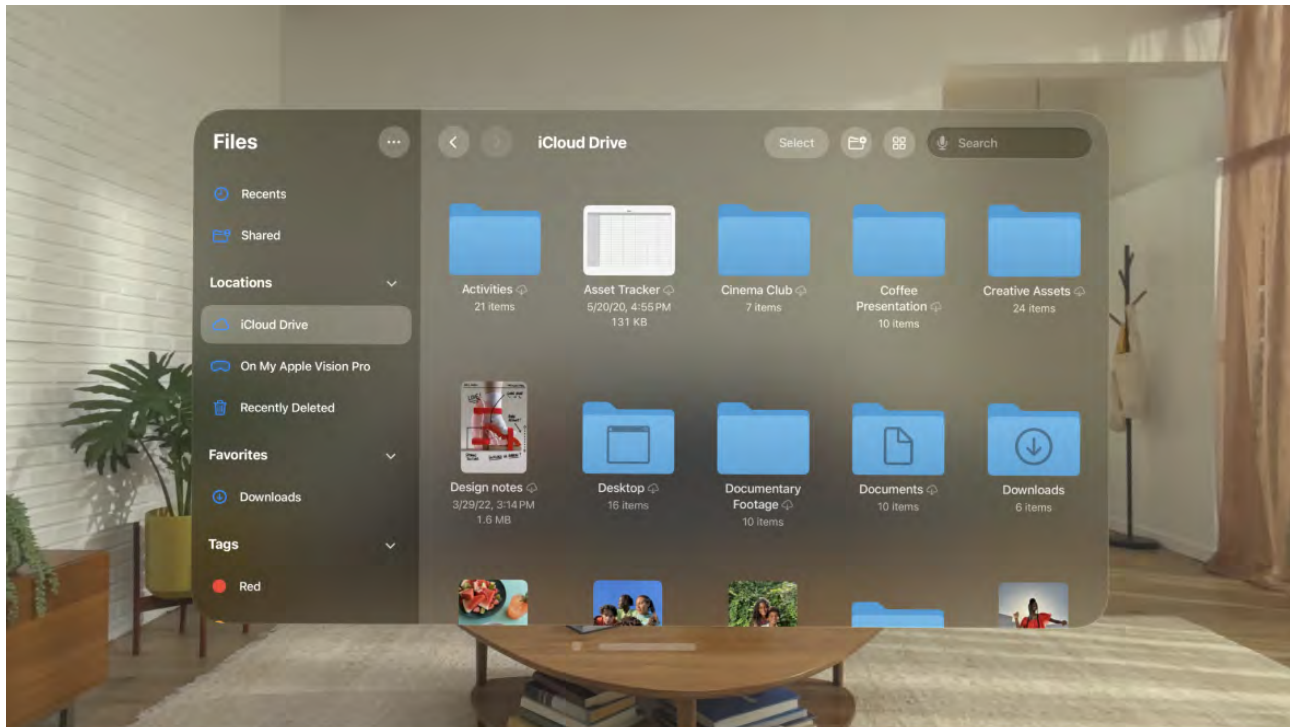
If you relay a call through an iPhone with Dual SIM, the call is made using your default voice line.

- *Receive a call:* On Apple Vision Pro, tap the notification at the top of your view to answer or ignore the call.

Files

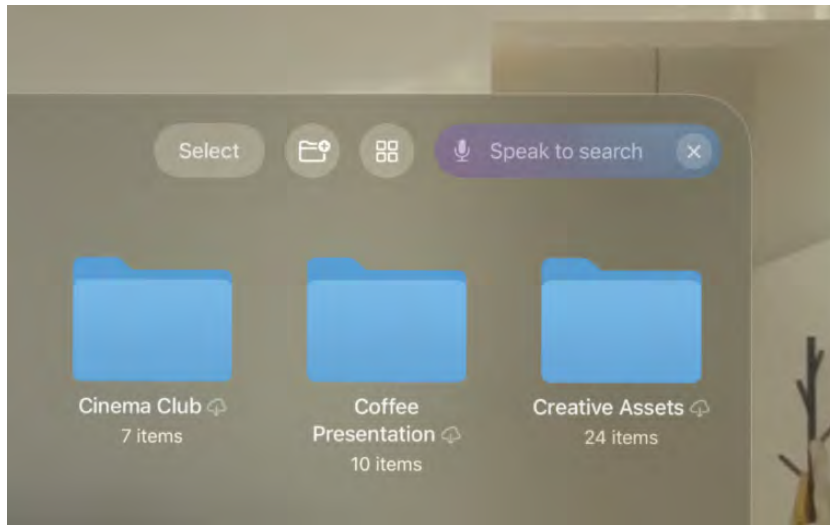
View, modify, and organize files and folders in Files on Apple Vision Pro

In the Files app, view and modify your documents, images, and other files. You can view files stored on your Apple Vision Pro, in iCloud Drive, and in external servers and other cloud services.



Browse and open files and folders

1. Go to the Files app  on your Apple Vision Pro.
2. To find a specific file, type a filename, folder name, or document type in the search field. You can also look at  in the search field and say what you're looking for.



3. To open a file, location, or folder, tap it. You can choose a location like “On My Apple Vision Pro,” recently opened files, or shared files.

Note: If you haven’t installed the app that created a file, a preview of the file opens in Quick Look.

Create a new folder

1. Go to the Files app  on your Apple Vision Pro.
2. Open a location or an existing folder, then tap .

Note: If you don’t see , you can’t create a folder in that location.

3. To move files into your folder, pinch and hold a file, then tap Move or Copy.

Rename, tag, and make other changes to a file or a folder

1. Go to the Files app  on your Apple Vision Pro.
2. Pinch and hold the file or folder, then choose an option. For example, do any of the following:
 - *Rename a file or folder:* Tap Rename, then enter a new name.
 - *Add tags to a file or folder:* Tap Tags. You can choose one or more tags, or tap Add Tags to create a custom tag.

Tagged items appear below Tags in the sidebar. Tap a tag again to remove it.

- *Mark a folder as a favorite:* Tap Favorite.

Favorites appear in the sidebar.

To change multiple files or folders, tap Select at the top of the window, tap some files or folders, then tap an option at the bottom of the window.

Note: Some options may not be available, depending on the item you select; for example, you can't delete or move an app library (a folder labeled with the app name).

Modify and rearrange PDFs

When viewing a PDF, you can modify and rearrange the document's contents using the Files app.

1. Go to the Files app  on your Apple Vision Pro.
2. Open a PDF.
3. Tap a page in the sidebar, tap , then chose any of the following:
 - *Rotate Left:* Rotate the highlighted page left.
 - *Rotate Right:* Rotate the highlighted page right.
 - *Insert Blank Page:* Insert a blank page after the highlighted page.
 - *Insert from File:* Insert pages from a file after the highlighted page.
 - *Delete Page:* Delete the highlighted page.

Change how files and folders are sorted and displayed

1. Go to the Files app  on your Apple Vision Pro.
2. While viewing an open location or folder, tap  near the top (if you're viewing your files in list or column view, tap  or ) , then do any of the following:
 - *Change the view:* Tap Icons, List, or Columns.

To look deeper into a folder hierarchy from the column view, tap an item in the rightmost column. To see a preview of a file along with its metadata (such as its kind and size), tap the file.
 - *Change how files are sorted:* Tap Name, Date, Size, Kind, or Tags.

Rearrange the sidebar

1. Go to the Files app  on your Apple Vision Pro.
2. Tap  at the top of the sidebar, then tap Edit Sidebar.
3. Do any of the following:
 - *Hide a location:* Turn the location off.
 - *Delete a tag and remove it from all items:* Tap  next to the tag.

- *Remove an item from the Favorites list:* Tap  next to the item.
- *Change the order of an item:* Pinch and hold , then drag it to a new position.

Related

[Connect external servers with Files on Apple Vision Pro](#)

[Send and share files and folders in Files on Apple Vision Pro](#)

[Search on Apple Vision Pro](#)

Send and share files and folders in Files on Apple Vision Pro

You can send a copy of any file in the Files app to others.

If a file is in iCloud Drive, you can also use the Files app to share folders and individual files with friends and colleagues. When you make changes to a shared folder or file, others see your changes automatically. If you allow people to make edits, their changes appear automatically as well.

Files and folders shared in iCloud Drive have these important characteristics:

- If you share a folder, all items added to that folder by you or other participants are automatically shared.
- The link to a shared file includes its name. If the name or content is confidential, be sure to ask recipients not to forward the link to anyone else.
- If you move a shared file to another folder or location, the link no longer works, and people lose access to the item.
- Depending on the app, users might need to reopen a file or tap the original link to see the latest changes.

Send a copy of a file

1. Go to the Files app  on your Apple Vision Pro.
2. Pinch and hold the file, then tap Share.

To send a smaller version of the file, tap Compress before you tap Share. Then pinch and hold the compressed version of the file (identified as a zip file), and tap Share.

3. Choose how you want to send the file (for example, AirDrop, Messages, or Mail), then tap Send.

Share a folder or file

If you own a folder or file in iCloud Drive, you can invite others to view or change its contents. You can adjust settings like who can access files, what they can do with the files, and whether they can invite other people to collaborate.

When you share a folder, only the people you invite can access the files in the shared folder by default. To invite more people to access the files, you must change the settings of the shared folder. You can't select an individual file within the shared folder and add participants to it.

1. Go to the Files app  on your Apple Vision Pro.
2. Pinch and hold the folder or file.
3. Tap , then tap Collaborate.
4. Tap “Only invited people can edit,” then choose the access settings and permissions you want.
5. Choose how you want to send your invitation, then tap Send.

Invite more people and change share options

If you already shared a folder or file and its access is set to “Only people you invite,” you can share it with more people.

If you're the owner of a shared folder or file, you can change its access at any time. However, everyone you shared the link with is affected. If you're the owner of a shared folder or file and its access is set to “Only people you invite,” you can change the permission for just one person without affecting the permission of others. You can also remove the person's access.

1. Go to the Files app  on your Apple Vision Pro.
2. Pinch and hold the folder or file.
3. Tap , then tap Manage Shared Folder or Manage Shared File.
4. Do any of the following:
 - *Invite more people:* Tap Add People.
 - *Share a folder or file using a link (if access is set to “Anyone with the link”):* Tap Copy Link, then paste the link where you want to send it.
 - *Change permissions for everyone:* Tap Share Options.

Note: When you change the access option from “Anyone with the link” to “Only people you invite,” the original link no longer works for anyone, and only people who receive a new invitation from you can open the folder or file.

- *Change permissions for one person:* Tap the person's name, then select an option.

Stop sharing a folder or file

If you're the owner of a shared folder or file, you can stop sharing it.

1. Go to the Files app  on your Apple Vision Pro.
2. Pinch and hold the folder or file.
3. Tap , then tap Manage Shared Folder or Manage Shared File.
4. Tap Stop Sharing.

Anyone who has a file open when you stop sharing it sees an alert. The item closes when the alert is dismissed, the file is removed from the person's iCloud Drive, and the link no longer works. If you later share the item again and set the access to "Anyone with the link," the original link works. If the access is set to "Only people you invite," the original link works again only for people you reinvite to share the item.

Related

[Set up iCloud Drive on Apple Vision Pro](#)

Set up iCloud Drive on Apple Vision Pro

Use the Files app to store files and folders in iCloud Drive. You can access them from all your devices where you're signed in with the same [Apple Account](#). Any changes you make appear on all your devices set up with iCloud Drive.

iCloud Drive is built into the Files app on Apple Vision Pro, as well as devices with iOS 11, iPadOS 13, or later. You can also use iCloud Drive on Mac computers (OS X 10.10 or later) and PCs (iCloud for Windows 7 or later). Storage limits depend on your iCloud storage plan.

Turn on iCloud Drive

Go to Settings  > [your name] > iCloud, then turn on iCloud Drive.

Choose which apps use iCloud Drive

Go to Settings  > [your name] > iCloud, then turn each of the apps listed under iCloud Drive on or off.

Browse iCloud Drive

1. Go to the Files app  on your Apple Vision Pro.

2. Tap iCloud Drive in the sidebar.
3. To open a folder or file, tap it.

See [View, modify, and organize files and folders in Files on Apple Vision Pro](#).

Related

[Send and share files and folders in Files on Apple Vision Pro](#)

Connect external servers with Files on Apple Vision Pro

You can use the Files app to access files stored on file servers and other cloud storage providers.

Connect to a computer or file server

1. Go to the Files app  on your Apple Vision Pro.
2. Tap  in the top left-corner.
3. Tap Connect to Server.
4. Enter a local hostname or a network address, then tap Connect.

Tip: After you connect to a computer or file server, it appears in the Recent Servers list on the Connect to Server screen. To connect to a recent server, tap its name.

5. Select how you want to connect:
 - *Guest:* You can connect as a guest user if the shared computer permits guest access.
 - *Registered User:* If you select Registered User, enter your user name and password.
6. Tap Next, then select the server volume or shared folder in the sidebar.

To disconnect from the file server, tap the server in the sidebar, then tap  next to it.

For information on how to set up your Mac to share files, see [Set up file sharing on Mac](#) in the macOS User Guide.

Add a cloud storage service

1. Download a cloud storage app from the App Store, then open the app and follow the instructions.
2. Go to the Files app, tap , tap Edit Sidebar, then turn on the service.

3. To view your contents, tap the name of the storage service below Locations in the sidebar.

Related

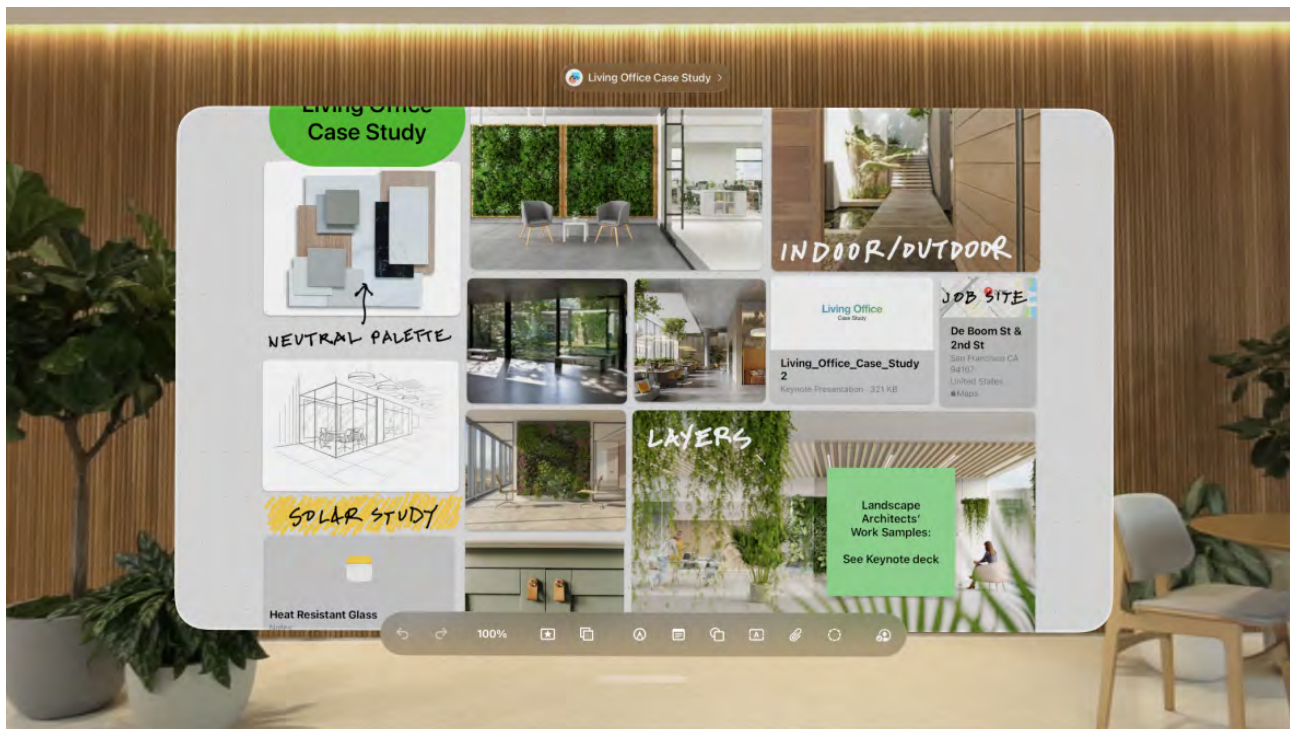
[View, modify, and organize files and folders in Files on Apple Vision Pro](#)

[Send and share files and folders in Files on Apple Vision Pro](#)

[Search on Apple Vision Pro](#)

Freeform

Create and manage Freeform boards on Apple Vision Pro



Use the Freeform app to create boards for brainstorming and collaborating.

You can open your Freeform boards on all your devices where you're signed in to your [Apple Account](#). Just go to Settings  > *[your name]* > iCloud, then turn on Freeform.

Create a new board

1. Go to the Freeform app  on your Apple Vision Pro.

2. Tap .

If you're currently working in a board, tap the name of the board, then tap Open.

3. Tap an option at the bottom of the window to start building your board.

4. To move around your board, pinch and hold an empty area of the board, then drag. To [zoom](#) in or out, pinch and hold with both hands, then drag your hands apart or together.

Tip: To choose a specific magnification, tap the percentage at the bottom of the window.

5. To name your board, tap the placeholder name at the top, then tap Rename.

Open an existing board

1. Go to the Freeform app  on your Apple Vision Pro.

2. Tap a category in the sidebar, like Recents or Shared, then tap the board you want to open.

If you're working in a board, tap the name of your board at the top, then tap Open.

Find and sort boards

Boards you worked on most recently are at the top. To make it easy to find a board, you can change how boards are sorted or add boards to your favorites.

1. Go to the Freeform app  on your Apple Vision Pro.

2. Do any of the following:

- *Change how boards are sorted:* Tap , then choose an option.
- *Make a board a favorite:* Pinch and hold the board, then tap Favorite (while browsing All Boards), or tap the name of the board at the top of the window, then tap Favorite (while you're working in a board).

Your favorites appear in the sidebar while browsing.

Duplicate a board

1. Go to the Freeform app  on your Apple Vision Pro.

2. Do one of the following:

- *While browsing All Boards:* Tap Select in the top-right corner of the window. Tap the boards you want to copy (a checkmark appears as you select each one), then tap Duplicate.

Or, pinch and hold the thumbnail or name of the board, then tap Duplicate .

- *If you're working in a board:* Tap the name of your board, then tap Duplicate.

Note: If you duplicate a shared board, the copy isn't shared.

Delete a board

1. Go to the Freeform app  on your Apple Vision Pro.
2. While browsing All Boards, tap Select in the top-right corner, tap the boards you want to delete (a checkmark appears as you select each one), then tap Delete.

To quickly delete a single board, you can also pinch and hold the board, then tap Delete.

You can recover recently deleted boards for 30 days. Tap Recently Deleted in the sidebar.

Related

[Share Freeform boards and collaborate on Apple Vision Pro](#)

[Learn basic gestures and controls on Apple Vision Pro](#)

Add images, text, and more

Draw in a Freeform board on Apple Vision Pro

Use the Freeform app to sketch, draw a diagram, or jot a handwritten note.

Draw in a board

1. Go to the Freeform app  on your Apple Vision Pro.
2. Open a board, tap , then pinch and hold to draw.
3. Tap a tool to switch to it, then tap it a second time to see if there are additional options, like stroke size (line thickness) or transparency.

Tip: When you finish drawing a shape, pinch and hold to smooth it.

Select, copy, and delete sections of a drawing

When you finish drawing, your strokes are grouped. If you want to break a drawing apart, you can regroup your strokes, or separate, delete, or resize them.

1. Go to the Freeform app  on your Apple Vision Pro.
2. Open a board, then tap  in the drawing toolbar.

3. Tap or circle the part of the drawing you want to select, then choose an option.

Related

[Create and manage Freeform boards on Apple Vision Pro](#)

[Add shapes, text boxes, and sticky notes to a Freeform board on Apple Vision Pro](#)

[Add photos, videos, files, and links to a Freeform board on Apple Vision Pro](#)

[Provide an accessible description for an item in Freeform on Apple Vision Pro](#)

Add shapes, text boxes, and sticky notes to a Freeform board on Apple Vision Pro

In the Freeform app, you can add lines, shapes, text, and sticky notes directly to a board.

Add shapes and lines

1. Go to the Freeform app  on your Apple Vision Pro.
2. Open a board, then tap .
3. Select a shape or line type. You can find lines, curves, and arrows in the Basic tab.

The shape appears on your board.

4. Tap the shape or line to reveal dots. Pinch and drag the dots to change the size or proportions of the shape, or, for connection lines, to attach an endpoint to another item on the board.
5. Tap the shape or line to see more options. For example, you can:
 - Change the color of a shape or line
 - Add a border to a shape
 - Add text inside a shape
 - Turn a line into an arrow
 - Duplicate a shape or line

Add a text box or sticky note

1. Go to the Freeform app  on your Apple Vision Pro.
2. Open a board, then tap  or .

Double-tap the text box or sticky note to enter text.

3. To show formatting tools, tap the text box or sticky note. You can change the font, alignment, sticky note color, use list formatting, and more.
4. To change the width of a text box without changing the font size, pinch and drag a blue dot. To resize both the box and the text inside it, pinch and drag a green dot.

Related

[Create and manage Freeform boards on Apple Vision Pro](#)

[Draw in a Freeform board on Apple Vision Pro](#)

[Add photos, videos, files, and links to a Freeform board on Apple Vision Pro](#)

[Provide an accessible description for an item in Freeform on Apple Vision Pro](#)

Add photos, videos, files, and links to a Freeform board on Apple Vision Pro

In the Freeform app, you can add photos or videos, links, and various types of files—for example, a Keynote presentation or PDF. You can also easily scan a paper document with your iPhone to add it to your board on Apple Vision Pro.

Tip: You can copy content from another app and paste it into your Freeform board by tapping anywhere on the board, then tapping Paste. For example, you can copy and paste a photo from the Photos app, or copy and paste a shape in a Keynote slide.

Add and format photos or videos

1. Go to the Freeform app  on your Apple Vision Pro.
2. Open a board, tap , then tap Choose Photo or Video.
3. Tap the photos or videos you want to add, then tap Add.

The photos or videos appear in the center of your Freeform board. Pinch and drag to move or resize them.

4. To format a photo or video, tap it, then do any of the following:
 - *Crop or mask the photo:* Tap , use the controls to tighten the frame or enlarge the image within it, then tap Done.
 - *Preview the photo or video:* Tap , or double-tap the photo or video.
 - *Add a description, replace the photo or video, and more:* Tap , then choose an option.

Add a document scan, link, or file

1. Go to the Freeform app  on your Apple Vision Pro.
2. Open a board, tap , then tap Scan Documents, Add Link, or Choose File.

Note: You can insert files saved on your Apple Vision Pro or in iCloud Drive. For most file types, Freeform makes a copy of the inserted file. When you add a link to a collaborative Keynote presentation, Numbers spreadsheet, or Pages document, participants in your Freeform board can tap the link to move to the shared file in iCloud. (If you want others to be able to collaborate on the file, you must save it in iCloud.)

Add a 3D object

3D objects are three-dimensional models that simulate natural lighting, shading, and texture effects. In a board, you can add 3D objects that were created with 3D software or 3D scanning and are in USDA, USDC, or USDZ file format, and view the object from all sides.

1. Go to the Freeform app  on your Apple Vision Pro.
2. Open a board, tap , then tap Choose File.
3. Navigate to the object you want to add, then tap it.

Use the controls below the 3D object to rotate, view, or resize it on your board. For example, tap  to see the 3D object up close. If you rotate the object, tap Reset to return it to its original position.

Add content from another app

To quickly bring content from another app into a Freeform board, do one of the following:

- *Copy and paste:* Pinch and hold an item in another app (for example, a photo in the Photos app or a shape in a Keynote slide), then tap Copy. In your Freeform board, tap where you want the content, then tap Paste.
- *Share:* Pinch and hold an item in another app (for example, a link in Safari), tap Share, then tap Freeform .

Related

[Create and manage Freeform boards on Apple Vision Pro](#)

[Draw in a Freeform board on Apple Vision Pro](#)

[Add shapes, text boxes, and sticky notes to a Freeform board on Apple Vision Pro](#)

[Provide an accessible description for an item in Freeform on Apple Vision Pro](#)

Provide an accessible description for an item in Freeform on Apple Vision Pro

In the Freeform app, you can add a description to any item on your board so that an explanation of the visual content is spoken aloud when someone uses assistive technology, such as [VoiceOver](#), to access your board. Descriptions aren't visible on the board itself.

1. Go to the Freeform app  on your Apple Vision Pro.
2. Open a board.
3. Select an item, tap , then tap Description.
4. Enter a description of the visual content, then tap Done.
5. To hear the description, [turn on VoiceOver](#), then tap the item.

Related

[Create and manage Freeform boards on Apple Vision Pro](#)

[Draw in a Freeform board on Apple Vision Pro](#)

[Add photos, videos, files, and links to a Freeform board on Apple Vision Pro](#)

[Add shapes, text boxes, and sticky notes to a Freeform board on Apple Vision Pro](#)

Copy the text style and format in Freeform on Apple Vision Pro

When you want the text in your sticky notes or text boxes to have a consistent look—for example, font, size, and color—you can copy the style from one and paste it in another.

1. Go to the Freeform app  on your Apple Vision Pro.
2. Open a board, then tap the sticky note or text box that has the style you want to use.
3. In the formatting tools, tap , tap Style, then tap Copy Style.
4. Tap the sticky note or text box that has the style you want to change.
5. Tap , tap Style, then tap Paste Style.

Tip: If you like the style of a text box, shape, or sticky note, you can save the style. Every time you add another item like that to your board, it uses that saved style. Tap , tap Style, then choose Save as Insert Style.

Related

[Create and manage Freeform boards on Apple Vision Pro](#)

[Position items on a Freeform board on Apple Vision Pro](#)

[Provide an accessible description for an item in Freeform on Apple Vision Pro](#)

Position items on a Freeform board on Apple Vision Pro

In the Freeform app, you can move items on your board to the background, resize, align, group, or lock them. Your Freeform board automatically accommodates any items you place on it, even as you move items beyond the visible edges of the board.

Select items

1. Go to the Freeform app  on your Apple Vision Pro.
2. Open a board, then do any of the following:
 - *Select an item:* Tap it.
 - *Select multiple items:* Tap , then tap each item.

Move, resize, or lock items

1. Go to the Freeform app  on your Apple Vision Pro.
2. Open a board, then do any of the following:
 - *Group items:* With multiple items selected, tap , then tap an alignment option or Group.
 - *Move an item:* Pinch and drag it.
 - *Rotate an item:* Pinch with both hands, then turn your hands in the direction you want.
 - *Put an item in the background or foreground:* Tap the object, tap , then tap Back or Front.
 - *Resize an item:* Tap an item, then pinch and drag a blue dot.

In text boxes, drag a green dot to resize both the box and the text within it.

- *Prevent an item from being moved or formatted:* Tap an item, tap , then tap Lock.

Turn on Snap to Grid and alignment guides

Snap to Grid and alignment guides can help you place items precisely.

When guides are turned on, they appear as you drag an item on a board in alignment with, or equidistant to, another item. You can turn the guides off and on as needed.

1. Go to Settings  > Apps > Freeform.
2. Do either of the following:
 - *Turn on Snap to Grid:* When you move items on your Freeform board, you can line them up with the dots you see on the board.

- *Turn on Center Guides, Edge Guides, or Spacing Guides:* When guides are turned on, they appear as you drag an item on a board in alignment with, or equidistant to, another item.

Related

[Create and manage Freeform boards on Apple Vision Pro](#)

[Add shapes, text boxes, and sticky notes to a Freeform board on Apple Vision Pro](#)

Organize your Freeform board into scenes on Apple Vision Pro

You can save scenes—saved views of your board—to organize your boards into sections, then quickly navigate and present those parts of your board to others. Scenes let you identify and label content so you can present your board, section by section, and rearrange the order in which you present your board. You can also use scenes to identify the parts of your board you want to print or export as a PDF.

Add, edit, or delete a scene

1. Go to the Freeform app  on your Apple Vision Pro.
2. Open a board, then zoom and scroll to frame the part of your board you want in view for the scene.
3. Tap , tap , then tap Add Scene.
4. To edit a scene, tap , tap , then do one of the following:
 - *Change the name of the scene:* Tap Rename Scene, then enter a new name.
 - *Change what's in the frame of the scene:* Change the view of the board, then tap Replace Scene.
 - *Delete a scene:* Tap Delete Scene.

Navigate scenes

1. Go to the Freeform app  on your Apple Vision Pro.
2. Open a board, tap , then do one of the following:
 - Tap , then tap a scene.
 - Tap < and > to move between scenes.

Reorder scenes

1. Go to the Freeform app  on your Apple Vision Pro.
2. Open a board, tap , then tap .
3. Tap Edit.
4. Pinch and hold  next to the scene you want to move, then drag it to a new position.
5. When you finish reordering scenes, tap .

Tip: To export all scenes as a PDF, tap , tap ... in the top left, then tap Export Scenes as PDF. To export one scene as a PDF, tap , tap ... next to the scene you want to export, then tap Export Scene as PDF.

Share Freeform boards and collaborate on Apple Vision Pro

In the Freeform app, you can invite people to collaborate on a board in iCloud, and everyone will see the latest changes when they're online and signed in to their [Apple Account](#). You can also send a PDF copy of a board to others.

Invite others to collaborate on a board

When you share a Freeform board using iCloud, you can see what changes others have made in a board, get notifications when people enter or leave a board, and see edits as others make them. Changes are saved in iCloud, so everyone with access to the board sees the latest version whenever they open it.

Everyone you share with must be signed in to their [Apple Account](#) to edit or view the board.

1. Go to the Freeform app  on your Apple Vision Pro.

If you're currently working in a board, tap the name of the board, then tap Open.

2. Pinch and hold a board, then tap Manage Shared Board.
 3. Do any of the following:
 - *Invite collaborators:* Tap Share With More People, then choose who you want to share the board with and how.
- Tip:** You can also tap Copy Link, then paste the link directly into a message or an email.
- *Change permissions for a specific collaborator:* Tap the name of the collaborator, then make updates.

- *Change sharing settings for the whole board:* Tap Share Options, then make updates.
- *Stop sharing the board:* Tap Stop Sharing.

If you stop sharing, the board no longer appears on the devices of the other participants, but you still have access to it.

When you're working in a shared Freeform board, you see a notification whenever a collaborator joins or leaves the board.

Collaborate on a board in real time

You can collaborate on a board in real time by sharing with people nearby or sharing during a call, such as in FaceTime, so you can work on the board together.

1. Go to the Freeform app  on your Apple Vision Pro.
2. Look to the right of the [window bar](#), then tap .
3. Do either of the following:
 - *Collaborate with others in a FaceTime call:* Under Share in FaceTime, tap an active FaceTime call, or tap New FaceTime. See [Use SharePlay in FaceTime calls on Apple Vision Pro](#).
 - *Collaborate with someone in the same room:* Under Share Nearby, tap the person you want to share with. See [Share apps and experiences with people nearby on Apple Vision Pro](#).

Export a PDF copy of a board

1. Go to the Freeform app  on your Apple Vision Pro.
2. Open the board you want to share, tap the name of the board, then tap Export as PDF.
3. Choose how you want to share the board, such as AirDrop, Messages, or Mail, and follow the instructions.

People and groups you've communicated with recently appear as icons. Tap one to share the board with them.

Related

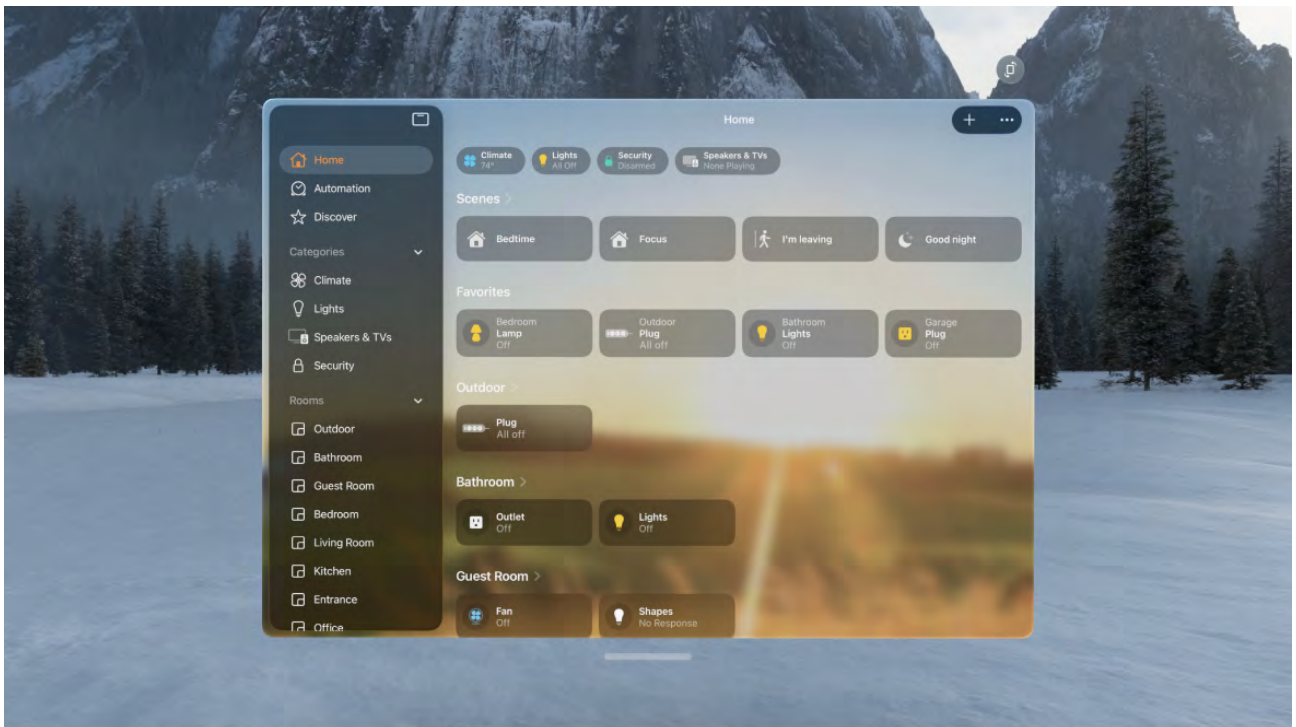
[Create and manage Freeform boards on Apple Vision Pro](#)

Home

Get started with the Home app on Apple Vision Pro

The Home app  is an iPad app that works with Apple Vision Pro. You can use the Home app to securely control and automate HomeKit- and Matter-supported accessories, such as lights, smart TVs, and thermostats.

To learn more about using the Home app on your Apple Vision Pro, see the [iPad User Guide](#).



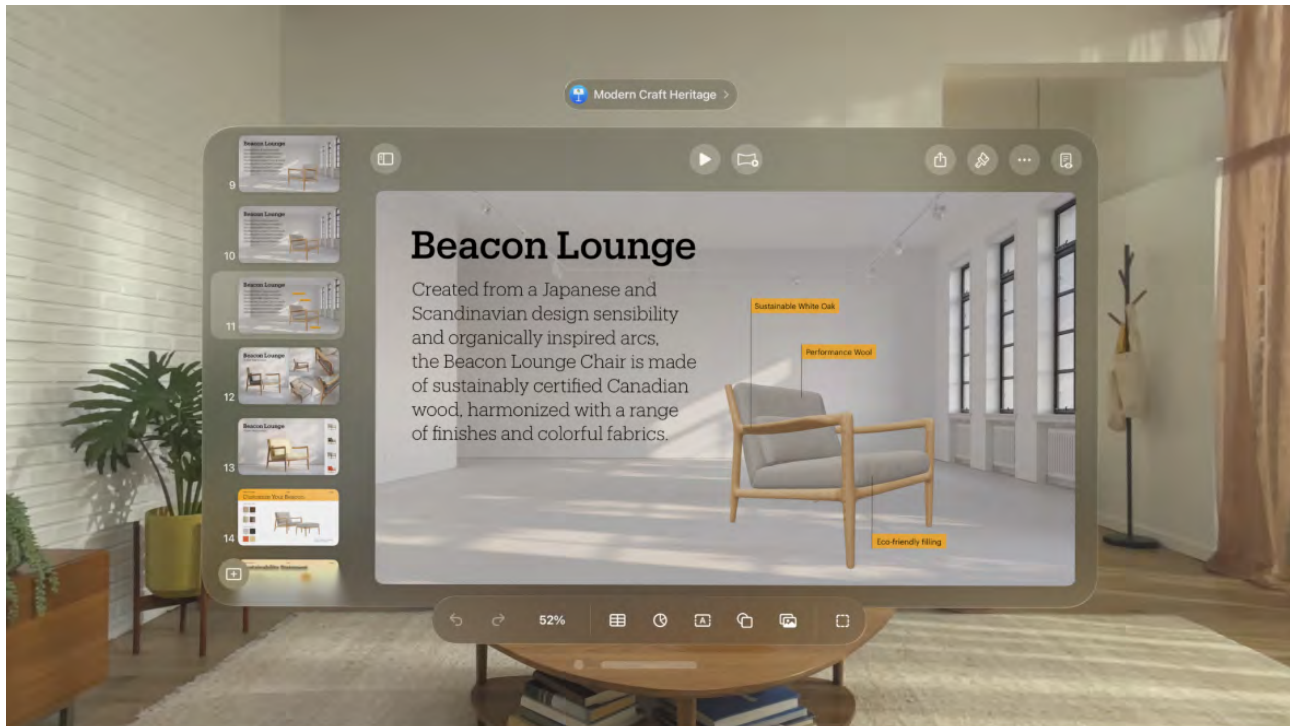
Tips and tricks for Home on Apple Vision Pro

- Pinch and hold accessories to see more details and settings.
- To access settings for Home, go to the Home app , tap , then tap Home Settings.
- You can only add accessories on an iPhone or iPad.
- To create or edit Scenes or Automations, use the Home app on your iPhone, iPad, or Mac.

Keynote

Get started with Keynote on Apple Vision Pro

Keynote  is an app designed for Apple Vision Pro. Use Keynote to create beautiful and engaging presentations with fun animations, 3D objects, and interesting transitions. You can even rehearse presentations in an Environment like Conference Room or Theater.



The basics

To create a Keynote presentation, you always start with a theme, then modify it however you like. Slides in a theme include placeholder images and text styled as headlines and body content.

To build your presentation, you replace placeholder content with your own content, or delete placeholders you don't need. You can also use the *toolbar* at the bottom of the app to add other objects—like shapes, photos, and charts—to any slide. You can even add, edit, and view 3D objects (in supported formats) in your presentation.

Change the working view

You can view your slides in different ways to help you organize and edit your presentation.

Tap  in the navigation bar at the top of the window, then tap an option.

- *Slide view (the default)*: Displays thumbnail images of each slide in the slide navigator on the left, and a full view of the selected slide on the right. You can tap thumbnails in the slide navigator to jump to specific slides, or pinch and drag thumbnails to reorganize your presentation.
- *Light table*: Displays slide thumbnails as if on a light table. This view is useful for organizing your presentation because you can see more slides at once. You can pinch and drag the slide thumbnails to change their order.
- *Outline view*: Displays the title and bulleted text of each slide below a preview of the selected slide on the right. This is useful for creating an initial rough draft of a presentation, seeing the flow of text-rich presentations, or focusing on the structure of your presentation.

Browse, create, and open Keynote files

The presentation manager—where you create, open, and manage your presentations—is what you see when you open Keynote and no presentation is open. You can also go back to it at any time.

To go to the presentation manager when a presentation is open, tap the name of the presentation at the top, then tap Close Presentation.

Prevent accidental editing

To avoid accidentally moving objects or bringing up the keyboard as you view, scroll, and interact with text and objects, you can use Reading View. Reading View minimizes the controls to just what you need to view the content and perform basic tasks. You can quickly switch to editing view to make changes, then switch back to Reading View.

When you send a Keynote presentation to someone else or someone sends a presentation to you, it opens in Reading View. When you reopen a presentation, it opens the way you left it—in Reading View or editing view.



Do any of the following to switch between Reading View and editing view:

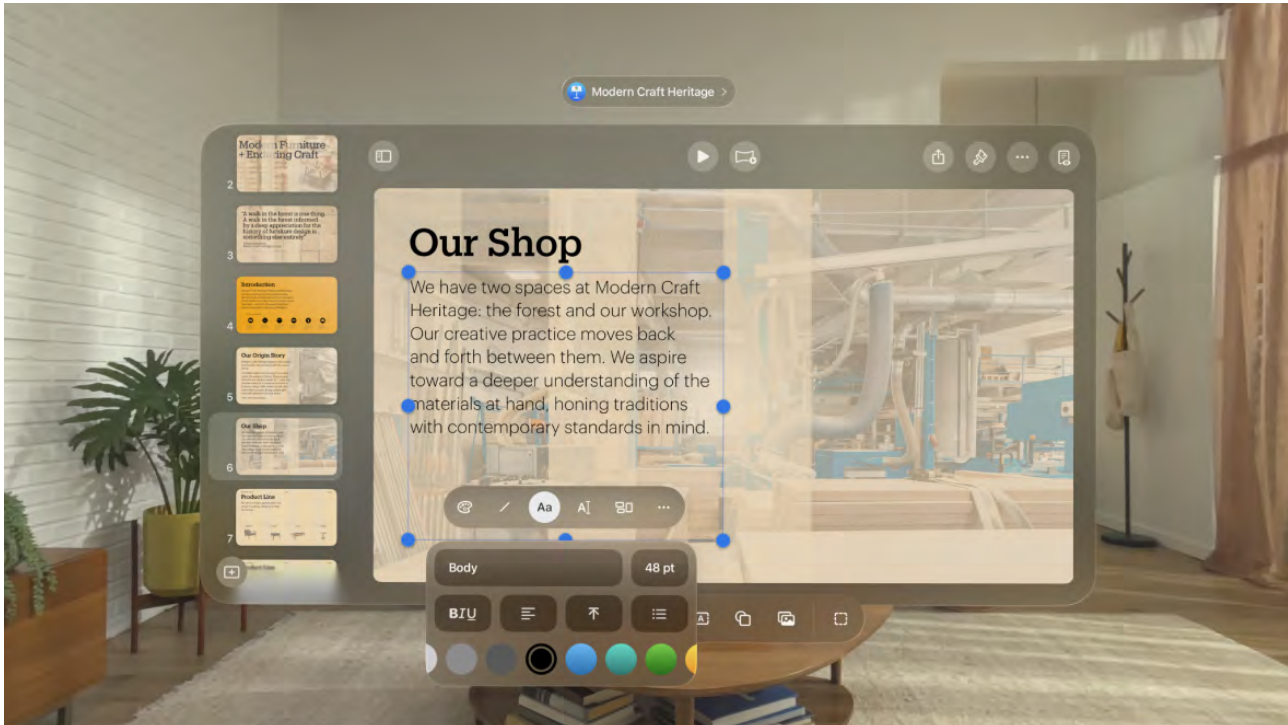
- *Switch between reading and editing view:* Tap or **EDIT** in the top-right corner.
- *Set presentations you receive to always open in editing view:* Tap , tap Settings, then turn on Open in Edit View.

If you later change a presentation to Reading View, it opens in Reading View the next time you open it.

Tip: If you need to undo or redo actions, tap or .

Format text, objects, and media

When you select text or an object (an image, shape, chart, table, or cell), you see formatting controls in the *format bar* for the type of object you selected.



You can also use the controls—like  or —in the *navigation bar* at the top to see additional formatting and presentation options.

Interact with 3D objects

You can view, play, move, scale, and rotate 3D objects in your presentation. Tap an object while you edit, rehearse, or play the presentation to see more options. See [Add or replace a 3D object](#) and [View 3D objects while you present](#).

Rehearse in an Environment

On Apple Vision Pro, you can rehearse your Keynote presentation in a realistic setting, like a conference room or a theater, and see your presentation on the screen in the Environment.

You can tap or swipe to navigate slides while you rehearse or play your presentation. Make sure you look at the slide or presenter display while you tap or swipe.



Collaborate and present together

Invite others to work with you on your presentation. Everyone you invite can see changes as they're made, but you control who can edit or only view the presentation.

Once you've created your presentation together, you and multiple presenters can present online to others, just as if you were presenting using a video conferencing app. You can also share your presentation window over FaceTime to present to others.

Use keyboard shortcuts

If you have an external keyboard connected to your Apple Vision Pro, you can use keyboard shortcuts to quickly accomplish many tasks in Keynote.

You can press and hold the Command (⌘) key on the keyboard to show a list of shortcuts for the item that's selected on the slide, like text or a table. To use a keyboard shortcut, press all the keys in the shortcut at the same time.

Related

[Create and manage presentations in Keynote on Apple Vision Pro](#)

Create and manage presentations in Keynote on Apple Vision Pro

Create a presentation from a theme

1. Go to the Keynote app  on your Apple Vision Pro.
2. In the presentation manager, tap  at the top, then tap a theme in the Theme Chooser to open it.

If you see an open presentation, tap the name of the presentation at the top, tap Open, then tap .

Some themes aren't downloaded to Apple Vision Pro until you choose them or open a presentation that uses one. If your connection is slow or you're offline when this happens, placeholder images and slide backgrounds in the presentation may appear at a lower resolution until you're online again or the theme finishes downloading.

3. To use a different slide layout for the first slide, tap the slide in the slide navigator on the left, tap  in the format bar that appears, tap Layout, then select a different layout.

Each slide layout offers a different arrangement of text and images that you use as a starting point for your content.

4. To build your presentation, do any of the following:

- *Add a slide:* Tap  in the slide navigator on the left, then select a layout.
- *Add text:* Double-tap placeholder text and type your own.
- *Add an image:* Tap  to replace placeholder images with your own photo, or pinch and drag an image from your photos or a webpage to the slide.

5. Tap the filename at the top of the window (such as Presentation), tap Rename, enter a name, then tap Rename again.

If iCloud is set up, Keynote saves the presentation to iCloud Drive by default.

6. To play the presentation, tap  in the navigation bar at the top of the window, then tap or swipe to advance through the slides.

To end the presentation, tap  below the app window (next to the window bar). For more ways to show a presentation, see [Play a presentation in Keynote on Apple Vision Pro](#).

7. To close the presentation when you're finished working, tap  below the app window.

Keynote automatically saves your changes, so you won't lose any of your work.

Choose how to navigate your presentation

To set how to navigate your presentation, do the following:

1. Tap  in the navigation bar at the top of the window, tap Presentation Options, then tap Presentation Type.
2. Choose one of the following options:
 - *Normal*: The presentation changes slides or starts animations when the viewer taps or swipes the screen, or taps a link on the slide. This is useful if you want to present slides sequentially.
 - *Links Only*: The presentation changes slides only when the presenter or viewer taps a link. This is useful if you want to present an interactive slideshow, or if you want to present slides in nonsequential order.
 - *Self-Playing*: The presentation advances and starts animations automatically, with no interaction needed to navigate between slides.
 - *Loop Slideshow*: At the end of the slideshow, the presentation restarts from the first slide.
 - *Restart Show if Idle*: Use the up or down arrow to set the amount of time the presentation can be idle, with no viewer interaction, before the presentation returns to the first slide.

Rename a presentation

1. Tap the presentation name near the top of the window, then tap Rename.
2. Type a new name, then tap Rename.

Require a password to open a presentation

1. Tap  in the navigation bar at the top of the window, tap Presentation Options, then tap Set Password.

If you want to unlock the document with Optic ID, turn on Open with Optic iD.

2. To change or turn off the password later, tap  in the navigation bar at the top of the window, tap Presentation Options, tap Change Password, then enter a new password or turn off Require Password.

People you invite to [collaborate on a presentation](#) and who have editing permission can add, change, or delete the password.

Note: Adding a password to a presentation encrypts the file.

View, copy, and restore an earlier version

Note: To restore an earlier version, the presentation must be stored in iCloud Drive.

1. Open Keynote, and if a presentation is already open, tap the name of the presentation at the top, then tap Close Presentation to see all your presentations.

2. Tap Select in the top-right corner, then tap the presentation (a checkmark appears).
3. Tap ⌚ at the top of the window, then tap a previous version to preview it.
4. Do one of the following:
 - *Save a copy of the version shown in the preview:* Tap Save a Copy. Keynote opens the copy as a new presentation for you to edit. (The original version is available in the presentation manager, where the copied version also appears.)
 - *Replace the current version with the preview version:* Tap Restore.
 - *Close the preview and return to the current version:* Tap Close.

Save a presentation as a theme

You can save a presentation as a custom theme, then use it as a model for other presentations. You can add your custom themes to the Theme Chooser, save them as a file to share with others, and use them in Keynote on your other devices. Custom themes that you create on your Apple Vision Pro are grouped in the My Themes category of the Theme Chooser and are shared across all your devices.

1. Tap , then tap Export and Send.
2. Tap Keynote Theme, then tap an option:
 - *Add to Theme Chooser:* Your theme appears in the My Themes category in the Theme Chooser.
 - *Send Theme:* Choose where you want to send your theme, or save it to Files.

Delete a presentation

1. Open Keynote, and if a presentation is already open, tap the name of the presentation at the top, then tap Close Presentation to see all your presentations.
2. Pinch and hold the presentation thumbnail, then tap Delete.

To delete a presentation shared with you by someone else (so that it can no longer be recovered), tap Delete Now.

If you don't see the presentation you want to delete, try searching for it, or tap Browse or Recents.

Related

[Get started with Keynote on Apple Vision Pro](#)

Add and format slides

Add, skip, or delete slides in Keynote on Apple Vision Pro

There are several ways to add slides to a presentation in Keynote. You can create a new slide, duplicate existing slides, and add slides from another presentation.

You can also skip slides you don't want to show during your presentation. Skipping is useful, for example, if you want to retain two versions of a slide but you want to show only one of them. You can select and edit skipped slides just as you would other slides.

Add a slide

Tap  in the slide navigator on the left, then tap a slide layout.

After adding a slide, add your own content to it, including text, shapes, tables, charts, photos, and videos.

Duplicate slides

Do any of the following:

- *Duplicate a slide in slide view:* Tap to select a slide in the slide navigator on the left, tap it again, tap  in the format bar that appears, then tap Duplicate.
- *Duplicate a slide in light table view:* Tap a slide, then tap .
- *Duplicate multiple slides in light table view:* Tap Select at the bottom of the window, tap the slides you want to duplicate, tap , then tap Done.
- *Duplicate a slide in outline view:* In the text outline, tap the top row of the slide you want to duplicate, then tap  to open the selection controls. Pinch and drag the white resize handles (they look like white bars above and below the selected text) to select all of the slide's contents, then tap Duplicate. (You may need to tap  multiple times to see the Duplicate button.)
- *Duplicate multiple slides in outline view:* In the text outline, tap the top row of a slide you want to duplicate, then tap  to open the selection controls. Pinch and drag the white resize handles to select the slides you want to duplicate, then tap Duplicate.

Skip or unskip slides

If you don't want a slide to appear during a presentation, you can skip it. If you later decide you want it to appear, you can unskip it.

- *In slide view:* Tap to select the slide in the slide navigator on the left, tap it again, tap  in the format bar that appears, then tap Skip Slide or Unskip Slide.

- *In light table view:* Tap to select a slide or select multiple slides, then tap  or  at the bottom of the window.
- *In outline view:* Tap the top row of the slide in the text outline, tap , then tap Skip Slide or Unskip Slide.

Note: If you skip the first slide in a collapsed group, the entire group is skipped when you play the presentation.

Change the slide size

1. Tap  in the navigation bar at the top of the window, tap Presentation Options, then tap Presentation Setup.
2. Tap Slide Size, then choose a new size.

Show slide numbers

- *On selected slides:* Tap to select a slide, tap the slide again, tap  in the format bar that appears, then tap Number.
- *On all slides:* Tap  in the navigation bar at the top of the window, tap Presentation Options, then tap Show Slide Numbers.

Related

[Change the theme, slide layouts, and backgrounds in Keynote on Apple Vision Pro](#)

Change the theme, slide layouts, and backgrounds in Keynote on Apple Vision Pro

Change the presentation theme

You can change the theme of a presentation at any time. Slides you've already added inherit the attributes of the new theme, including object styles, title styles, and more. If you customized anything on your slides—for example, if you changed slide backgrounds or the color of text—those changes remain.

Note: You can't change the theme of a presentation you're [sharing with others](#).

1. Tap  in the navigation bar at the top of the window, tap Presentation Options, then tap Presentation Setup.
2. Tap a theme or swipe left on the thumbnails to see more themes.
3. Tap  or  to preview slides in the new theme.

4. Tap Done.

Apply a different slide layout

To quickly change the look of a slide, you can apply a different *slide layout* to it. Changing the slide layout doesn't delete your content—so if you make changes to the formatting of a slide and later want to return it to its original layout, you can reapply the original slide layout without losing any content.

1. Tap to select a slide on the left, tap it again, then tap  in the format bar that appears.
2. Do one of the following:
 - *Choose a new layout:* Tap Layout.
 - *Reset the layout of the current slide:* Tap Reapply Slide Layout.

Create a new slide layout

1. Tap to select a slide on the left, tap  in the navigation bar at the top of the window, then tap Edit Slide Layout.
2. Tap  at the bottom of the slide navigator, then tap to select an existing slide layout that looks similar to what you want.
3. Type a name for the new slide layout, then tap OK.
4. Modify the slide layout however you like by adding text, images, shapes, placeholders, and other objects.

If you add images, text, and other objects to a slide layout, these objects become part of the slide background. If you want to be able to edit them, add them to the layout as placeholders.

5. When you're done editing, tap Done.

Use a standard background

You can change the background color or image of individual slides in a presentation.

1. In the slide navigator on the left, tap to select a slide, tap it again, then tap  in the format bar that appears.
2. Tap Standard, then choose the options you want. You can choose a two-color gradient fill, use a color from elsewhere on the slide, add an image, and more.

Use a dynamic background

Dynamic backgrounds are animations that add motion to slides without significantly increasing the size of your Keynote file. There are a variety of preset dynamic background styles you can choose and customize. If you use the same dynamic background style on consecutive slides, the animation plays seamlessly when you change slides.

Tip: Use a [Magic Move transition](#) to seamlessly move between slides that use the same dynamic background style but with different appearance settings.

1. In the slide navigator on the left, tap to select a slide, tap it again, then tap  in the format bar that appears.
2. Tap Dynamic, then tap the style you want to use.
3. Do any of the following:
 - *Pause the dynamic background while you work:* Turn off Preview Motion. The dynamic background still moves when you play the slideshow.
 - *Customize a dynamic background style:* Tap Background Options. You can change options like the dynamic background's speed, the distance between waves, or how blurry the background appears.

Changing the background of a slide doesn't affect other slides that use that layout, unless you edit the slide layout. When you change the background of a slide layout, it's applied to every slide that uses that layout.

Related

[Add an image, video, or image gallery in Keynote on Apple Vision Pro](#)

Add and edit text

Add text in Keynote on Apple Vision Pro

To add text to a slide, you can replace placeholder text, or add a text box or shape and then type text in it.

Tip: On Apple Vision Pro, you can connect your Magic Keyboard if you prefer to type with a physical keyboard. See

[Connect keyboards, headphones, and other Bluetooth accessories to Apple Vision Pro.](#)

Add a text box

Text boxes are objects that can be modified like most other objects. You can rotate the text box, change its border, fill it with a color, layer it with other objects, and more.

1. Tap  in the toolbar at the bottom of the window.

A text box is added to your slide (you can change how the text looks later).

2. Pinch and drag the text box to where you want it.
3. Double-tap the placeholder text, then enter your own.
4. To resize the text box, pinch and drag the selection handle on the left or right side of the box.

To delete a text box, tap it, tap ... in the format bar that appears, then tap .

Add text inside a shape

Double-tap the shape to make the keyboard appear, then type your text.

If there's too much text to display in the shape, a clipping indicator  appears. To resize the shape, tap it, then pinch and drag any selection handle until all the text is showing.

Add a link

You can turn text or certain objects (shapes, lines, images, image galleries, movies, drawings, text boxes, equations, groups of objects, and animated drawings) into a link that:

- Jumps to another slide (such as to make your presentation interactive)
- Opens a website or email message
- Calls a phone number

1. Tap an object, text box, or **selected text** you want to turn into a link, tap ... in the format bar that appears, then tap Link.
2. Tap Link To and choose a destination (Slide, Webpage, Email, or Phone Number).
3. Specify details for the destination:
 - *Slide*: Goes to another slide in the presentation. Choose one of the slide options or tap Link to Slide and choose a slide number.
 - *Webpage*: Opens a webpage in a browser. In the Link field, enter the URL for the webpage. For a text link, in the Display field enter the text you want readers to see. For example, you may want to show the domain name and not the entire web address.

- *Email*: Opens an email message, with the address you provide in the To field. For a text link, in the Display field enter the text you want readers to see. For example, you may want to show the recipient name and not the entire email address. Enter a subject in the Subject field or leave it blank.
 - *Phone Number*: Calls a phone number. In the Number field, enter a phone number. In the Display field, enter the text you want readers to see. For example, you may want to show the name of the business or person the number belongs to.
 - *Exit Slideshow*: Ends the slideshow.
4. To verify the destination, tap , then tap the button for Go to Slide, Open Link, Compose Email, or Call.

If you don't need to verify the link, tap the slide to close the controls.

5. To edit a link, tap the linked item again, tap Link Settings, then make your changes.

Add an equation

You can add mathematical expressions and equations as floating objects on a slide. To add an equation, you compose it in the Keynote equation dialog using LaTeX commands or MathML elements, then insert it into your presentation.

1. Do one of the following:
 - *Place the equation inline with text*: Pinch and drag the insertion point in a text box or shape, or [select the text](#) you want the equation to replace.
 - *Place the equation so it can be moved freely*: Tap an empty space in the slide (to make sure nothing is selected).
2. Tap  in the toolbar at the bottom of the window, then tap Equation.
3. Enter a LaTeX or MathML equation using the keyboard and the symbols in the equation window.

For information on using supported LaTeX commands or MathML elements and attributes, see the Apple Support article [About LaTeX and MathML support](#).

4. Tap Insert.

Related

[Enter text and use Dictation on Apple Vision Pro](#)

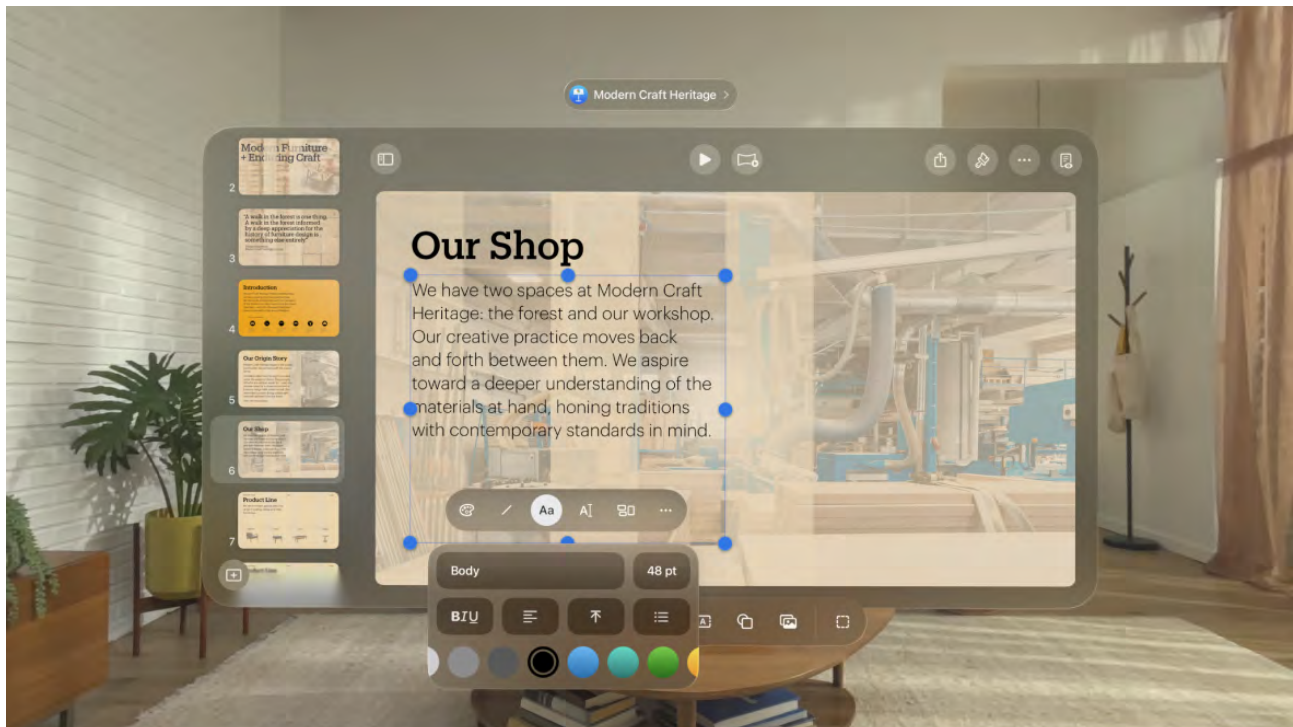
Change the appearance of text in Keynote on Apple Vision Pro

Change text appearance

You can change the font, size, or color of text, and add bold, italic, or other formatting. You can also fill text with gradients or images, add an outline, or highlight text by adding a color behind it.

1. [Select the text](#) you want to change—or tap a text box, shape, or table cell.
2. Use the controls in the format bar to change text size and color, apply bold, italic, underline, or strikethrough, and more.

For more formatting options, you can also tap $\dots$ in the format bar that appears, then tap Format Options.



Note: By default, the font size automatically changes to fit inside most text boxes. To manually adjust the font size, select the text box and tap A in the navigation bar at the top of the window, then turn off Shrink Text to Fit at the bottom of the Text menu.

Modify capitalization

1. [Select the text](#) you want to change, then tap A in the navigation bar at the top of the window.
2. Tap $\dots$ in the Font section of the controls.

If you don't see text controls, tap Text or Cell.

3. Tap a capitalization option.

- *None:* The text is left as you entered it, with no changes.

- *All Caps*: All text is capitalized at the same height.
- *Small Caps*: All text is capitalized with larger capitals for uppercase letters.
- *Title Case*: The first letter of each word (except for prepositions, articles, and conjunctions) is capitalized—for example, *Seven Wonders of the World*.
- *Start Case*: The first letter of each word is capitalized—for example, *Seven Wonders Of The World*.

Turn ligatures on or off for selected text

You can affect character spacing with *ligatures*, a decorative joining of two characters to form a single typographic character. You can use ligatures in your presentation if the font you're using supports them.

1. [Select the text](#) you want to change, or select a text box to change all the text in it.
2. Tap  in the navigation bar at the top of the window, then tap ... in the Font section.

If you don't see text controls, tap Text or Cell.

3. Tap a Ligatures option:
 - *Default*: Uses the default ligature settings for the font you're using, which may not be all of the ligatures available for the font.
 - *None*: Uses regular spacing with no ligatures for the font.
 - *All*: Uses all available ligatures for the font.

Add drop caps

A drop cap is a decorative first character (a large letter or combination of characters) that you can style and position at the beginning of a paragraph. You can add a drop cap to text inside a shape and inside text boxes with eight selection handles.

1. Double-tap to place the insertion point inside a shape or eight-handled text box.
2. Tap  in the navigation bar at the top of the window, then turn on the Drop Cap setting at the bottom of the Text menu.

If the text box or shape already contains text, a drop cap is added to the start of the paragraph that contains the insertion point. If the text box or shape is empty, the drop cap appears when you start typing.

3. Do any of the following:
 - *Quickly change the appearance of the drop cap*: Select a preset style in the menu below the Drop Cap switch.

- *Change the position of the drop cap or add a background shape:* Tap Drop Cap Options, then make any adjustments.
- *Use a different font style, size, or color for only the drop cap (not the entire paragraph):* Select the drop cap, then make your choices in the format bar that appears.

Format fractions automatically

You can set Keynote to automatically format fractions as you type them. The setting doesn't apply to fractions you type in table cells or comments.

1. Tap  in the navigation bar at the top of the window, tap Settings, then tap Auto-Correction.
2. Turn on Auto-Format Fractions, then tap Done.
3. Type a fraction (for example, 1/2), then tap the Space bar and keep typing, or tap Return.

The setting applies to text you type from now on—it doesn't change fractions you've already typed.

Apply a paragraph or character style

You can use *paragraph styles* and *character styles* to keep text formatting consistent throughout your presentation. For example, when you apply the paragraph style Heading to text, that text automatically matches other headings that use that style.

Paragraph styles apply to all of the text in a paragraph, while character styles apply only to a selected word or character. A paragraph style may contain multiple character styles within it.

Note: You can't apply a paragraph style or character style to text in a table cell.

1. [Select one or more paragraphs](#), then tap  in the navigation bar at the top of the window.

If you don't see text controls, tap Text.

You can only apply a paragraph style to text in a text box or shape.

2. Do one of the following:

- *Apply a paragraph style:* Tap the style name below Paragraph Style, then tap a new paragraph style.

If you change the text appearance, you can save it as a new style. Tap the style name, tap  at the top right of the controls, then tap + at the top left of the controls

- *Apply a character style:* Tap  above the font size controls.

Tip: You can copy just the style of selected text and apply that style to other text. Select the text, tap  in the format bar that appears, then tap Copy Style.

Why does the style have an asterisk or Update button next to it?

When you change the appearance of text (its color or size, for example), an asterisk (*), or an asterisk and an Update button, appear next to the style name to indicate that it has *overrides*.

To deal with an override, you can do one of the following:

- *Ignore it:* Leave the override in place, and keep the edits you made to your text. Other text that uses the style isn't affected and the asterisk and Update button remain.
- *Update the style to incorporate the overrides:* Tap Update. The style is updated with your changes, all text in your presentation that uses the style is also updated, and the asterisk and Update button are removed.
- *Remove the override:* Tap the style name (but not the Update button). In the style menu, tap the style name. Your text reverts to its original appearance and leaves the style unchanged.

If you select some text in a paragraph that has a paragraph style applied to it, and then change its appearance, you may see only an asterisk next to the character style name and not an Update button for the paragraph style.

Related

[Align and space text in Keynote on Apple Vision Pro](#)

Align and space text in Keynote on Apple Vision Pro

Insert a tab in text

You can set tab stops to align text left, right, at the center, or on a decimal point. When you insert a tab, the insertion point and any text to the right of it move to the next tab stop, and text you enter starts at that point.

1. Tap the text to place the insertion point where you want to insert a tab stop, then tap again.
2. Tap Insert in the menu that appears, then tap Tab.

You may need to tap > to see Insert.

The insertion point moves to the closest tab stop. Tapping Tab again moves to the next tab stop, and so on.

Align and justify text

You can adjust text in a table cell, text box, or shape so that it's aligned to the left or right, centered, or aligned on both the left and right (justified).

1. Tap a text box or shape; if you're working in a table, tap a table cell or [select a row or column](#).

2. Tap **Aa** in the format bar that appears, then tap any of the alignment buttons.

Set text margins

You can adjust the amount of space between text and the text box or shape that contains it.

1. Tap a shape or text box, or [select specific text](#).
2. Tap  in the navigation bar at the top of the window, then tap Text (if it's not already selected).
3. In the Margin section, tap  or  to decrease or increase the margin, or tap the margin size and enter a new value.

Format columns of text

1. Tap a shape or text box, or [select text](#).
2. Tap  in the navigation bar at the top of the window, then tap Text.
3. Tap Columns, then do any of the following:
 - *Change the number of columns:* Tap  or , or tap the number of columns and enter a new value.
 - *Set column width:* To use the same width for all columns, turn on Equal Column Width. To set different column widths, turn this option off, then tap  or  below each column number in the Column Size section, or tap the column width and enter a new value.
 - *Set the space between columns:* Tap  or  next to Gutters, or tap the gutter width and enter a new value. If you have more than two columns, you can adjust the gutter width between each column.

Adjust the space between lines

1. Tap a shape or text box, or [select text](#) in a text box.

You can't adjust line spacing for text in a table cell.

Note: If you're using paragraph styles in your presentation and want to incorporate the line spacing change in the paragraph style, pinch and drag past the last character in the paragraph to include the formatting symbol (it's invisible until you drag over it). See [Change the appearance of text in Keynote on Apple Vision Pro](#).

2. Tap  in the navigation bar at the top of the window, then tap Text.
3. Tap Line Spacing, then do any of the following:
 - *Set the spacing between lines of text:* Tap  or  next to Spacing, or tap the value next to Spacing and enter a new value.

- *Set the amount of space before or after a paragraph:* Tap  or  next to Before or After, or tap the value next to Before or After and enter a new value.

Related

[Format lists in Keynote on Apple Vision Pro](#)

Format lists in Keynote on Apple Vision Pro

Keynote automatically formats what you're typing as a list if you begin a sentence with a dash or with a number or letter followed by a period and a space. You can also select text, then apply a list format to it.

You can change the number or letter style, change the indentation, and create your own text and image bullets. If you create a list whose formatting you want to use again in the same presentation, you can save it as a new list style.

Create and format a list

1. Double-tap the text box or shape where you want to add a list.
2. Type a dash, or type a number or letter followed by a period and a space (for example, *1.* or *A.*), then enter the first item in your list.
3. Tap Return, then continue entering list items, tapping Return after each.

Each new line automatically begins with the same character you started with. Numbers and letters are incremented accordingly.

4. To end the list, [select the text](#) where you want to end the list, tap  in the format bar that appears, then tap None.
5. To format a list, select a bullet or symbol, tap  in the navigation bar at the top of the window, then tap Text.
6. Do any of the following:
 - *Change the indentation level (hierarchy) of the selected items:* Tap an outdent or indent button below Bullets & Lists.
 - *Adjust the line spacing:* With all list items selected, tap Line Spacing, then tap  or  next to Spacing to decrease or increase the spacing.

If you don't want Keynote to automatically format text as a list when you begin a sentence with a dash, or with a number or letter followed by a period, tap  in the navigation bar at the top of the window, tap Settings, tap Auto-Correction, then turn off Auto-Detect Lists.

Change the number or letter sequence

You can use numbers or letters in various formats to designate levels of hierarchy in an ordered list.

1. Do one of the following to select the list items whose number or letter you want to change:
 - *Select one list item:* Tap the bullet or symbol next to the list item.
 - *Select multiple list items:* Double-tap after the text in the last item you want to select, then pinch and drag the selection handles to include all the items you want to change.
2. Tap  in the navigation bar at the top of the window, then tap Bullets & Lists.
3. Tap a number or letter style (such as Lettered or Numbered) to apply it to the selected text.
4. Tap  next to the style.
5. Tap Format, then choose a number or letter sequence.
6. Tap , then use the Edit List Style controls to change the indent, color, and size of the letters or numbers.
7. To use nested numbers or letters (for example, 3., 3.1., 3.1.1.), turn on Tiered Numbers.
8. To create nonsequential numbering, turn off Continue Numbering, then tap  or  to set the starting number.

Note: Line spacing isn't included in a list style.

Create custom bullets

You can use a variety of text and image bullets to add a custom look to a list. Any text characters, emoji, and images can act as bullets.

1. Do one of the following to select the list items whose bullets you want to change:
 - *Select one list item:* Tap the bullet or symbol next to the list item.
 - *Select multiple list items:* Double-tap after the text in the last item you want to select, then pinch and drag the selection handles to include all the items you want to change.
2. Tap  in the navigation bar at the top of the window, then tap Bullets & Lists.
3. Tap  next to the bullet style you want to change.
4. Tap Text Bullet or Image Bullet, then do one of the following:
 - *For text bullets:* Tap a bullet style to apply it. To use a different character, tap “Tap to add” next to Custom Bullet, tap the character or emoji you want to use, then tap Return.

- *For image bullets:* Tap an image bullet to apply it. To use a custom image, tap Custom Bullet, then choose an image, or tap “Insert from” and choose an image.
5. To change the bullet size or alignment, tap Back and use the Edit List Style controls to make changes.
 6. When you’re finished, tap the slide to close the controls.

Update or revert a list style

Changing the appearance of a list—by changing the bullet or number style or the spacing of indents, for example—results in style *overrides*, which are indicated by an asterisk next to the list style name.

If you want to keep the overrides without updating the style, do nothing. The text retains your changes, and an asterisk appears next to the list style name whenever you select or edit the list.

You can also update the list style with your changes so every item that uses the style gets an update. If you don’t want to keep the overrides, you can revert the list item back to the original list style.

1. Tap the bullet, letter, or number for a list item with an override, then tap  in the navigation bar at the top of the window.

When an item with an override is selected, you see an asterisk next to the style name in Bullets & Lists.

2. Tap the style name, then do one of the following:
 - *Remove the overrides and revert to the original list style:* Tap the style name (avoiding the Update button). The formatting changes are removed and the item matches the formatting of other list items that use this style.
 - *Update the style to use the overrides:* Tap Update. All list items that use this style are updated to match the new formatting.

Note: List styles include only the formatting you set using the Edit List Style controls in Bullets & Lists.

Create, rename, or delete a list style

1. Select any text in a list that uses the style you want to rename or delete.
2. Tap  in the navigation bar at the top of the window, then tap Bullets & Lists.
3. Tap  in the top-right corner of the Bullets & Lists controls.
4. Do one of the following:

- *Create a new style:* Tap  in the top-left corner of the controls to create a duplicate of the style used by the text you selected. Type a new name for the style, then change its formatting.
- *Rename a style:* Tap the style name, then type the new name.
- *Delete a style:* Tap , then tap Delete. If the style is used somewhere else in the presentation, a dialog asks you to choose a replacement style.
- *Rearrange the styles in the list:* Pinch and drag  (to the right of the list name) to a new location.

Related

[Change the appearance of text in Keynote on Apple Vision Pro](#)

Add and style objects

Use 3D objects in Keynote on Apple Vision Pro

3D objects are three-dimensional models that simulate natural lighting, shading, and texture effects. You can add 3D objects created with 3D software or 3D scanning in the USDA, USDC, and USDZ file formats to your presentation. After you add a 3D object, you can view it in 3D space, resize it, play its embedded animation, and rotate it along its x, y, and z axes.



Add or replace a 3D object

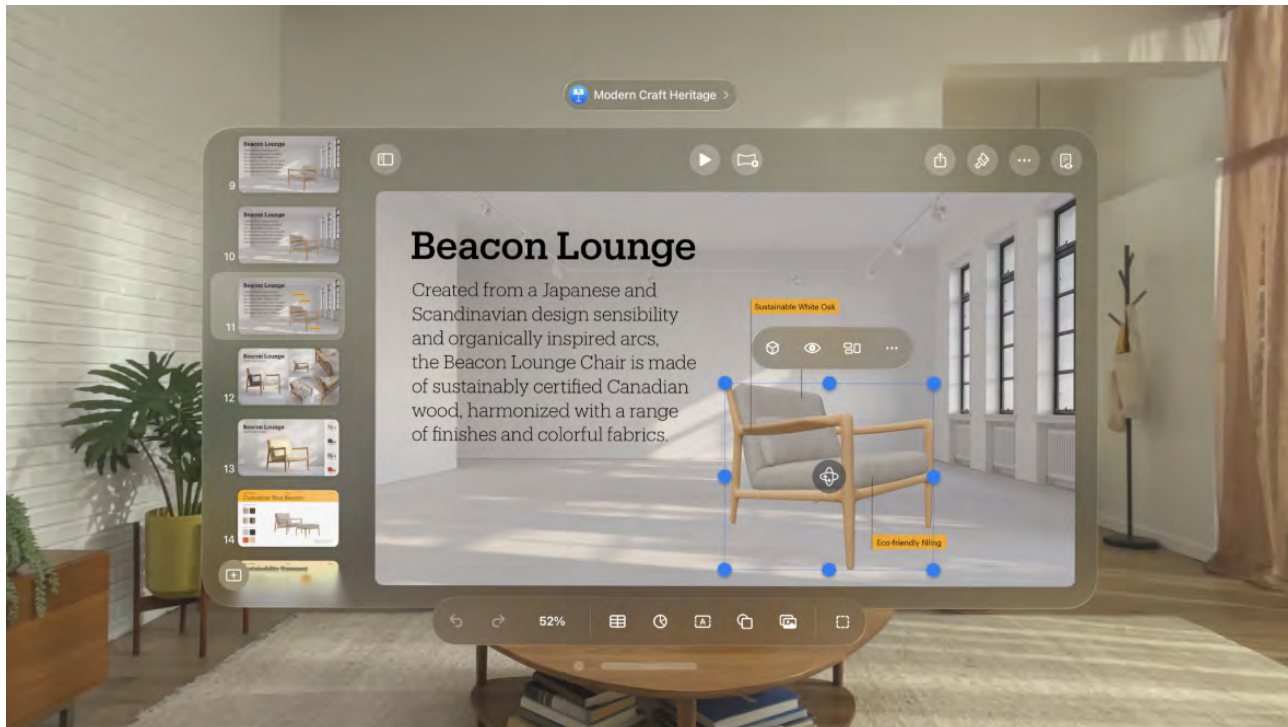
1. Tap  in the toolbar, then tap “Insert from.”
2. Navigate to the object you want to add, then tap it.

The 3D object appears on the slide with  in the center. If the 3D object contains an embedded animation, tap the object, then tap  in the format bar that appears.

3. To replace the 3D object, tap to select the object, tap , tap 3D Object, then tap Replace.

You can add captions, titles, object descriptions (which are read by assistive technology, such as VoiceOver), and more to 3D objects, just like you would other objects. See [Add an accessible media description](#).

Edit a 3D object



1. Tap the 3D object to select it, then do any of the following:

- *Rotate the object:* Pinch and drag .

For more incremental adjustments, tap the object, then tap . Tap the + or – button, or enter a degree value to specify the angle of rotation. Tap Reset Rotation to set all the values to zero degrees.

- *Resize the object:* Pinch and drag any of the selection handles surrounding the 3D object.

You can also tap , tap Arrange, tap W or H, then enter new values for Width and Height.

View or play a 3D object

Do any of the following:

- *In Reading View:* Tap  in the controls below the 3D object.

Pinch and drag the object to rotate it. To reset it back to its original position, tap .

- *In editing view or while you rehearse or play your presentation:* Tap the 3D object to select it, then tap .

Pinch and drag the object to rotate it. To reset it back to its original position, tap .

- *Play the 3D object's animation:* If the 3D object contains an embedded animation, tap the object, then tap  in the format bar that appears. To pause, tap .

Tip: You can set the 3D object's animation to play automatically during a slideshow. Tap , tap 3D Object, then turn on Play in Slideshow.

You can use a Magic Move transition to create the appearance of a 3D object moving or rotating on its own when you change slides. To learn more, see [Add a Magic Move transition](#).

Related

[Align objects in Keynote on Apple Vision Pro](#)

Show your Persona during a presentation in Keynote on Apple Vision Pro

You can add a live video that uses your Persona on a slide. During a presentation, your Persona is visible only when the slide it's on appears. You can turn the live video on and off at any time.

Add live video

1. Tap  in the toolbar at the bottom of the window, then tap Live Video.

A live video connected to your Persona appears on the slide.

2. Tap the live video on the slide to select it, then tap  in the format bar that appears.
3. Do any of the following:
 - *Zoom the camera in or out:* Pinch and drag the Scale slide right to zoom in and left to zoom out.
 - *Change the shape of a live video:* Tap Mask, then select the size or shape you want.
 - *Reshape the corners of a live video:* Increase the number in the Corner Radius box to make the corners rounder, or decrease it to sharpen them.
 - *Remove or change the background:* Tap Background, then turn on Add Background. Use the controls to customize the background, including a transparent background, a color or gradient, and more.

Play or pause live video

To turn a live video feed on or off, do any of the following:

- *While the slideshow is not playing:* Tap the live video on the slide to select it, then tap  in the format bar that appears.
- *While the slideshow plays:* Pinch and hold until the toolbar appears, tap , then use the controls to turn the live video on or off.

Related

Add an image, video, or image gallery in Keynote on Apple Vision Pro

Add an image, video, or image gallery in Keynote on Apple Vision Pro

You can add photo and videos to any slide and replace media placeholders with your own media. You can add photos from photo albums on your Apple Vision Pro or insert photos and images from iCloud.

When you show a slide with a video during a presentation, the video plays when you tap anywhere on the slide. You can set video looping and start timing to make the media files play automatically when the slide appears.

Note: Video files must be in a format that QuickTime supports on your Apple Vision Pro. If you can't add or play a media file, try using iMovie, QuickTime Player, or Compressor on a Mac to convert the file to a QuickTime file (with a .mov filename extension) for video.

Add an image or video

1. Tap  in the toolbar at the bottom of the window.
2. Do one of the following:
 - *Add media from your device:* Tap Photo or Video, then choose the file you want.
 - *Insert media from iCloud or another service:* Tap “Insert from,” then choose the file you want.
 - *Add a video from the web:* Tap Web Video, then type or paste a link to the video.
3. Pinch and drag any blue dot to resize an image, or double-tap to crop it.

Add an image gallery

With an image gallery, you can view a collection of photos in one place on a slide, so only one shows at a time. When you play your presentation, you can cycle through the images before moving to the next slide. A visual effect plays during the transition from one image to the next.

1. Tap  in the toolbar at the bottom of the window, then tap Image Gallery.

Pinch and drag the image gallery to reposition it on the slide, or drag any blue dot to resize it.
2. To add images, tap  in the bottom-right corner of the image gallery.
3. To customize the image gallery, make sure it's still selected, then do any of the following:
 - *Add, reorder, or delete images:* Tap  in the format bar that appears, tap Manage Images, then tap Add Images or .

To reorder, pinch and drag  next to images you want to move.

- *Change the transition between images:* Tap  in the format bar that appears, tap Build Effect, then tap an effect.
- *Add an image description that can be used by assistive technology (for example, VoiceOver):* Tap  in the navigation bar at the top of the window, tap Gallery, then tap Description. Enter your text in the text box. The image description isn't visible anywhere in your presentation.

To add descriptions to other images in the gallery, tap the left or right arrow below the text box.

4. To navigate through the image gallery, tap  or .

To remove an image, tap  in the navigation bar at the top of the window, tap Gallery, tap Manage Images, then swipe on the image in the list to remove it.

Replace a media placeholder

1. Tap  in the bottom-right corner of a media placeholder.
2. Tap Photo or Video, then choose the file you want.

To use a photo from iCloud or another service, tap “Insert from.”

3. Pinch and drag any blue dot to resize the image.

Set video to loop

1. Tap the video on the slide to select it, then tap  in the format bar that appears.
2. To set when the video starts playing, select an option:
 - *Start on Tap:* Turn on this option to start playing video when you tap the slide. Turn it off to play video automatically when the slide appears.
 - *Play Across Slides:* Turn on this option to play the video continuously through multiple slide transitions (even if you change the video's size and position between consecutive slides). Turn it off to restart the video when a new slide appears.
3. To have the video repeat until you advance the slide, select an option:
 - *Play in a continuous loop:* Tap Loop.
 - *Play forward and then backward:* Tap Back & Forth.

Remove the background or a color from a photo

You can remove a background or color from an image with the Remove Background tool.

1. Tap the image to select it, tap  in the format bar that appears, then tap Remove Background.
2. Pinch and drag over the color you want to remove.

As you drag, the mask selection grows to include areas that use similar colors.

3. To refine your selections, do any of the following:
 - *Remove another color:* Pinch and drag over the color.
 - *Undo all changes:* Tap Reset in the controls.
4. Tap Done.

Add an accessible media description

You can add a description to any media in your presentation. Descriptions are read by assistive technology (for example, VoiceOver) when someone uses that technology to access your presentation, but they aren't visible anywhere in your presentation.

1. Tap the media to select it, then tap  in the navigation bar at the top of the window.
2. Tap Description, then tap in the text box and enter your text.

If Description isn't visible, you may need to tap a tab that corresponds with your media type, like Movie or Drawing.

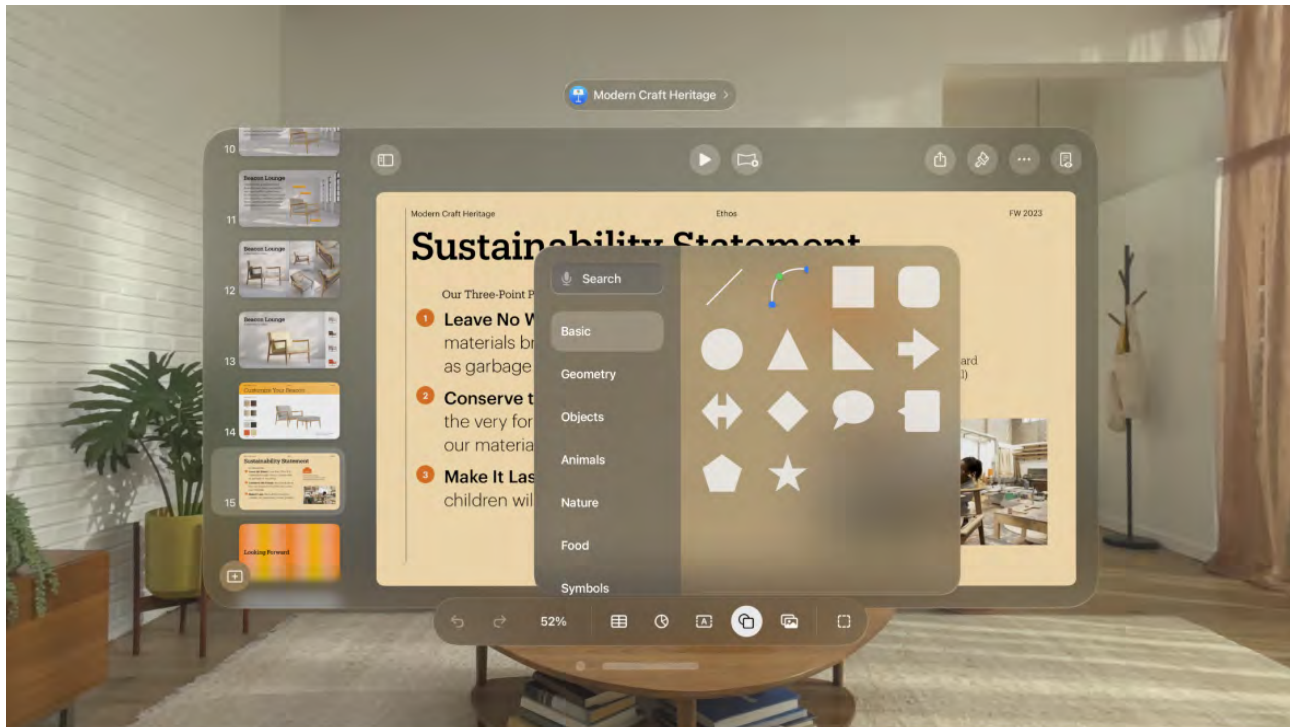
If you export your presentation as a PDF, descriptions are still readable by assistive technology. See [Export Keynote presentation in another format](#).

Related

[Align objects in Keynote on Apple Vision Pro](#)

Add and edit a shape in Keynote on Apple Vision Pro

The shapes library contains hundreds of shapes in a variety of categories. After you add a shape to a slide, you can customize the shape in a number of ways. For example, you can change the standard five-point star into a twenty-point starburst and adjust how rounded the corners of a square are. You can also [add text inside a shape](#) and [fill a shape with color or an image](#).



Add a shape or line

1. Tap  in the toolbar at the bottom of the window, select a category in the shapes library, then tap or pinch and drag a shape to add it to your slide.

To search for a shape, type its name in the search field at the top of the shapes library.

2. Pinch and drag the shape to reposition it on the slide.

Adjust the features of a shape or line

You can change features of any basic shape (from the Basic category in the shapes library) that has a green dot when it's selected. For example, you can add more arms to a five-point star.

Note: On Apple Vision Pro, you may need to make the shape larger to see the green dot. You can change the shape back to its original size after you make your changes.

1. Tap a shape to select it.
2. Do any of the following:
 - *Reshape the corners of a rounded rectangle:* Pinch and drag the green dot toward a corner to sharpen it, or away from a corner to make it rounder.
 - *Change the number of points on a star:* Pinch and drag the outer green dot clockwise to add points, or counterclockwise to remove them. A star can have between three and twenty points.

- *Change the shape of the points on a star:* Pinch and drag the inner green dot toward the center of the star to make the points longer and narrower, or drag away from the center to make the points shorter and wider.
- *Change the shape of a callout or speech bubble:* Pinch and drag the green dot on the body of the bubble to reshape it. Pinch and drag the green dot at the tip of the point to change its length and position. Pinch and drag the green dot at the base of the point to change its width.
- *Change the number of sides in a polygon:* Pinch and drag the green dot clockwise or counterclockwise to adjust the number of sides.
- *Adjust the proportions of arrows:* Pinch and drag the green dot toward the tip of the arrow to make the arrowhead shallower, or drag the dot toward the side point of the arrow to make the arrow's trunk thicker.
- *Move a line:* Pinch and drag the line to where you want it.
- *Change line length or rotation:* Pinch and drag the blue dots on the ends.
- *Adjust the arc of a curved line:* Pinch and drag the green dot in the middle of the line.

You can also edit features of a shape by changing their specific values, like the number of points on a star, the corner radius on a rounded rectangle, the width of the tail on a speech bubble, and more. Tap  in the navigation bar at the top of the window, tap Arrange, then use the controls or tap the values for the features you want to change.

Edit line curves and corners

You can edit a curved line to add right-angle corners or curves. As you edit, you can quickly change corners to curves and vice versa.

1. Tap the curved line to select it, then tap  in the navigation bar at the top of the window.
2. In the Style tab of the menu that appears, tap Connection, then tap Curve or Corner.

Connect two objects with a line

You can join two objects with a curved, straight, or right-angle connection line. If you move one or more connected objects, they remain joined by the line. This is especially useful if you're creating a flowchart.

Before you do this task, add two or more objects to the slide that you want to connect.

1. Select two objects, then tap  in the toolbar at the bottom of the window.
2. From the Basic category, tap the curved line to add it to the slide.
3. Do any of the following:

- *Change the curved line to a straight or right-angle connecting line:* Tap the line to select it, tap  in the navigation bar at the top of the window, tap the Style tab, tap Connection, then tap an option.
- *Adjust the space between line endpoints and their connected shapes:* Tap the line to select it, tap  in the navigation bar at the top of the window, tap the Style tab, tap Connection, then pinch and drag the Offset sliders.
- *Change the position of the angles or the curve:* Pinch and drag the green dot (you may need to make the line longer to see it).

You can change the look of the connection line by changing its thickness, color, and line style, and by adding effects like a shadow and reflection. See

[Change how an object looks in Keynote on Apple Vision Pro.](#)

Save a custom shape

1. Tap a custom shape, tap  in the format bar that appears, then tap Add to Shapes.

The shape is saved in the My Shapes category of the shapes library, which appears only when you have custom shapes. Shapes appear in the library in the order you create them; you can't change this order.

2. In the shapes library, pinch and hold the shape you just created, then tap Rename.
3. Type your own name for the shape.

Related

[Change how an object looks in Keynote on Apple Vision Pro](#)

[Add and edit drawings in Keynote on Apple Vision Pro](#)

[Align objects in Keynote on Apple Vision Pro](#)

Add and edit drawings in Keynote on Apple Vision Pro

You can create and edit a drawing on your slide, then move or resize it.

Add a drawing

1. Tap  in the toolbar at the bottom of the window, tap Drawing, then tap one of the drawing tools (pen, pencil, crayon, or fill tool).
2. Pinch and hold your fingers to draw on the slide.
3. As you draw, you can do any of the following:
 - *Switch drawing tools:* Tap the pen, pencil, crayon, or fill tool.

- *Adjust the stroke size (line thickness):* Tap the pen, pencil, crayon, or eraser, tap it again, then tap a stroke size.
- *Adjust the color's opacity:* Tap the pen, pencil, crayon, or fill tool, tap it again, then pinch and drag the slider.
- *Fill an area with color:* Tap the fill tool, then tap the area. To draw a shape already filled with color, tap the fill tool, then draw the shape.
- *Erase a stroke:* Tap the eraser tool, tap it again, then tap Object Eraser. Tap the stroke or object fill you want to erase.
- *Erase pixels:* Tap the eraser tool, tap it again, tap Pixel Eraser, then tap the dot you want to erase. For finer control, or to erase smaller dots, zoom in. You can pinch and drag across your drawing to erase segments of lines and fills, creating separate strokes and fills.
- *Move a drawing:* Tap the selection tool, pinch and drag around the part of the drawing you want to move, tap Resize, then pinch and drag the selection.
- *Resize a drawing:* Tap the selection tool, pinch and drag around the part of the drawing you want to resize, tap Resize, then pinch and drag any blue dot.

Merge drawings

You can merge drawings so that they stay together as a single object. This makes it easier to move and resize the drawing as a whole.

1. Tap  in the toolbar at the bottom of the window to select multiple drawings.
2. Tap the drawings you want to merge, or tap Select All, then tap Done.
3. Tap ... in the format bar that appears, then tap Merge.

Separate a drawing into parts

You can separate a drawing into individual objects that you can move, resize, or delete separately.

1. Double-tap the drawing.
2. Tap the selection tool, then pinch and drag around the part of the drawing you want to separate.
3. Tap Separate (you may need to tap > to see it).

You can repeat this process to separate a drawing into multiple objects.

Animate a drawing

You can animate a drawing using the Line Draw build-in or build-out effect so that it appears in your presentation as if it's being drawn or disappears as if it's being erased.

1. Tap the drawing you want to animate, tap ... in the format bar that appears, then tap Animate.
2. At the bottom of the window, tap Add Build In or Add Build Out, select Line Draw from the Effects list, then tap .
3. To edit the animation, tap Line Draw at the bottom of the window, then do any of the following:
 - *Adjust how long the animation plays:* Pinch and drag the Duration slider.
 - *Change how quickly the animation starts and stops:* Tap Acceleration, then choose an option.
 - *Change when to start the animation:* Tap Start, then choose an option.
 - *Preview the animation:* Tap .
 - *Remove the animation:* Tap Delete.
4. Tap Done in the upper-right corner of the window.

To learn more, see [Animate an object onto and off a slide](#).

Share or save a drawing

You can share or save a drawing as an image.

1. Tap the drawing, tap ... in the format bar that appears, then tap Share.
2. Do one of the following:
 - *Share:* Tap a method for sending the drawing.
 - *Save:* Tap Save to Files or, to save to Photos, tap Save Image.

Related

[Add and edit a shape in Keynote on Apple Vision Pro](#)

[Align objects in Keynote on Apple Vision Pro](#)

Align objects in Keynote on Apple Vision Pro

You can align multiple objects relative to one another.

Note: If an object is placed inline with text, you can reposition it only by pinching and dragging (or cutting and pasting) it to a new location in the current text flow or to another text box or

shape.

Align multiple objects

You can align objects so they line up along a vertical or horizontal axis. You can also position objects so there is equal spacing between them on a horizontal or vertical axis, or on both axes.

1. Tap to select an object, or tap  in the toolbar (at the bottom of the window) to select multiple objects.
2. Tap the objects you want to align, or tap Select All, then tap Done.
3. Tap  in the format bar that appears, then tap an option.

The objects align to the object most in the direction you selected. For instance, if you align three objects to the left, the leftmost object doesn't move, and the other objects align to it.

To align with x and y coordinates, tap  in the navigation bar at the top of the window, tap Arrange, then enter values for X and Y.

Place objects inline with text in a text box or shape

1. If you haven't already added a text box or shape to your slide, or haven't added the object you want to paste inside it, tap  in the toolbar at the bottom of the window, then tap to add the objects you want to work with.
2. Select the object you want to nest inside a text box or shape, tap  in the format bar that appears, then tap .

If the object is on the slide, tap to select it; if it's inline with text, double-tap to select it.

3. Double-tap the text box or shape where you want to paste the object, tap it again, then tap Paste.

The pasted object is nested inside the parent object. If a clipping indicator  appears, tap the parent object, then pinch and drag any blue dot on its border until all its contents are showing.

4. To add text after the nested object, double-tap inside the parent object to see the insertion point, then type or paste new text.

If you accidentally select the nested object (selection handles appear), tap outside it to move the insertion point into the parent object (such as the text box).

Tip: If the nested object is a shape, you can place an image, shape, or equation inside it. Double-tap to place the insertion point in the nested shape, then type or paste the new text or object inside it.

Add and align text inside a shape

1. Double-tap the shape to make the keyboard appear, then type your text.

If a clipping indicator  appears, tap the shape, then pinch and drag any blue dot on its border until all the text is showing.

2. To align the text in the shape, tap the shape, tap **Aa** in the format bar that appears, then tap any alignment button.

You can also [place an object inside a shape](#) so it appears inline with the text.

Turn alignment guides on or off

1. Tap  in the navigation bar at the top of the window, then tap Settings.

2. Adjust the settings for one or more of the following guides:

- *Edge Guides:* Appear when an object's edges align with the edges of another object.
- *Center Guides:* Appear when an object's center aligns with another object or the center of the slide.
- *Spacing Guides:* Indicate when three or more objects are placed equally apart in a line.

3. Tap Done.

Related

[Add an image, video, or image gallery in Keynote on Apple Vision Pro](#)

Layer, group, lock, and resize objects in Keynote on Apple Vision Pro

You can work with and arrange the objects on a slide in a number of ways:

- Layer (or stack) objects to create the appearance of depth
- Group objects to more easily move, resize, or rotate them as a single unit
- Lock objects to avoid inadvertently moving, modifying, or deleting them

You can also resize an object, and rotate or flip any object except a table, chart, or image gallery.

Layer objects

1. Pinch and drag an object so that it overlaps with one or more other objects.
2. Tap the object, tap  in the format bar that appears, then pinch and drag the slider until the object is layered where you want it.

Group or ungroup objects

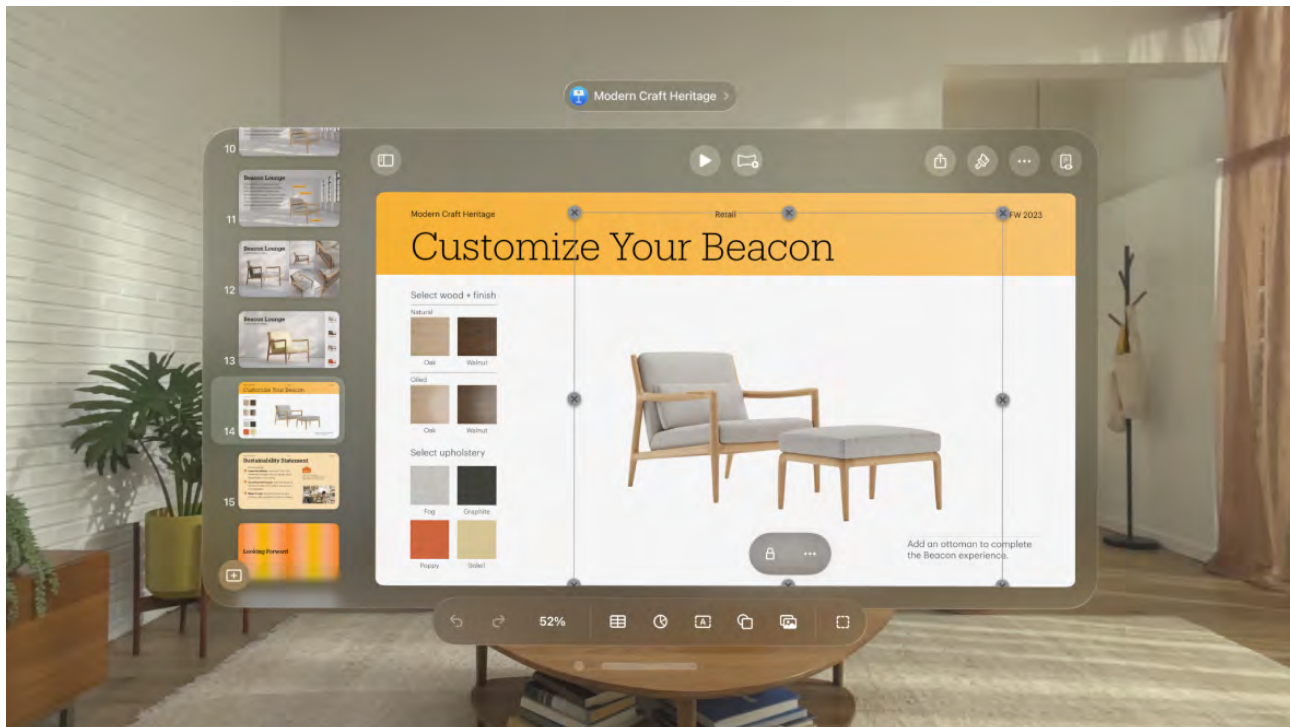
1. Tap  in the toolbar (at the bottom of the window) to select multiple objects.
2. Tap the objects you want to group, or tap Select All, then tap Done.
3. Tap  in the format bar that appears, then tap Group.

You may need to tap the group of objects to see the format bar.

To ungroup objects, tap the group, tap  in the format bar that appears, then tap Ungroup.

Lock or unlock objects

When an object is locked, you can't move, delete, or modify it in any way until you unlock it.



1. Tap an object to select it.
2. Tap  in the format bar that appears, then tap .

To unlock an object, tap it, then tap .

Resize, rotate, or flip an object

1. Tap an object or group of objects to select it.

If you don't see blue dots around the object, the object is locked; you must unlock it before you can resize it. See [Lock or unlock objects](#).

2. Do one of the following:

- *Resize:* Pinch and drag a corner selection handle diagonally.

Dragging a corner handle makes the object larger or smaller without changing its essential shape. To resize it freely—so it has any proportions you like—tap  in the navigation bar at the top of the window, tap Arrange, then turn Constrain Proportions off. You can then pinch and drag any blue dot on the sides of the object.

- *Resize from the center:* Pinch and hold a blue dot, pinch and hold the middle of the object with your other hand, then pinch and drag the blue dot.
- *Resize to specific dimensions:* Tap  in the navigation bar at the top of the window, tap Arrange, tap W or H, then enter values for Width and Height.
- *Rotate an object:* Pinch and hold the object with both hands, then turn your hands in the direction you want to rotate the object.

You can also tap  in the navigation bar, tap Arrange, tap Rotate, then pinch and drag the Rotate wheel. (You can also choose a continuous rotate wheel at the bottom for more precise rotation.)

- *Flip an object:* Tap  in the navigation bar at the top of the window, tap Arrange, then tap Flip Vertically or Flip Horizontally.

Related

[Add an image, video, or image gallery in Keynote on Apple Vision Pro](#)

Change how an object looks in Keynote on Apple Vision Pro

A quick way to change how an object looks is to apply an object style to it. Every theme includes object styles—sets of attributes like colors, borders, and shadows—that are designed to look good with the theme.

You can also make changes to individual options, such as adding a fill, reflection, or shadow, or changing the transparency of an object.

Apply a style to an object

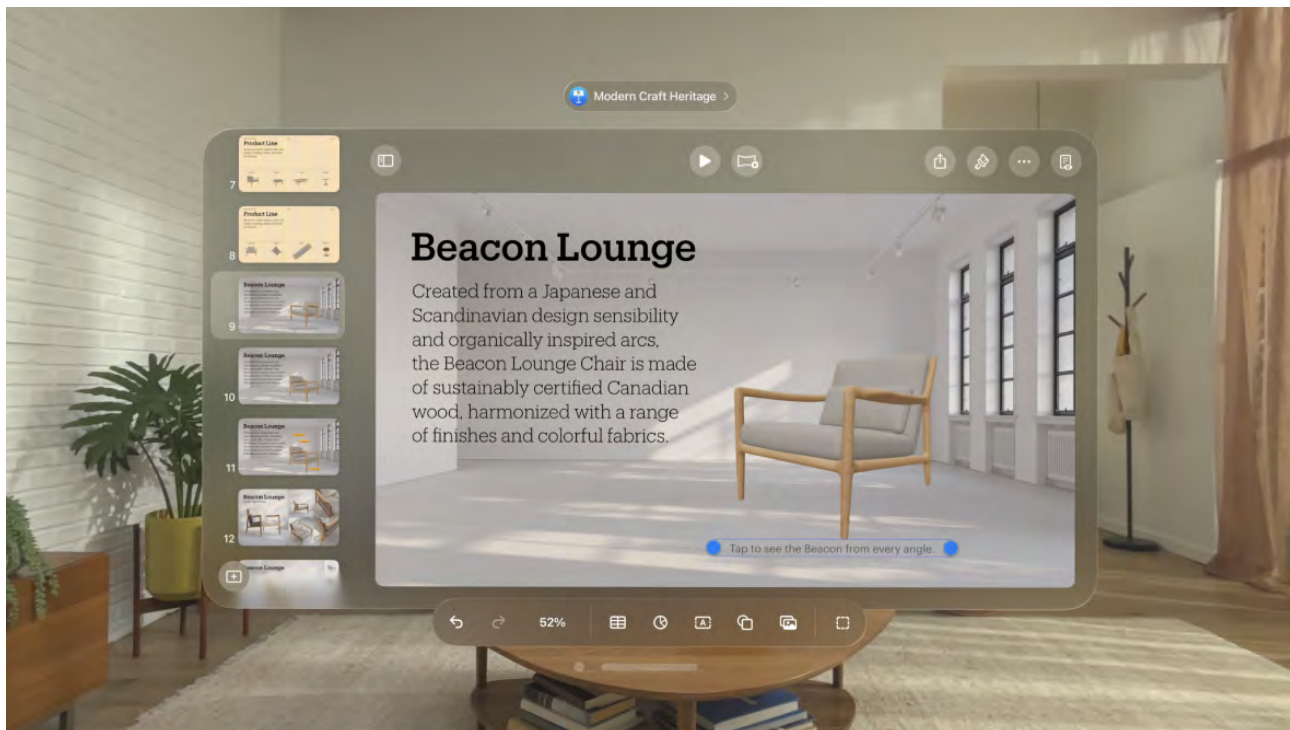
1. Tap an image, shape, text box, line, arrow, or video, then tap  in the navigation bar at the top of the window.
2. Tap Style, then tap a style to apply it.

After applying a style to an object, you can further change its look by choosing your own options for border or color, for example.

Add a fill, shadow, or border

1. Tap an object to select it.
2. Do any of the following:
 - *Add a fill:* Tap  in the format bar, then choose a fill option (such as a color or gradient).
 - *Add a shadow:* Tap  in the format bar, then choose a shadow style.
 - *Add a border:* Tap  in the format bar, then use the controls to adjust the look of the border.
 - *Change object transparency:* Tap  in the format bar that appears, then drag the Opacity slider.

Add a caption



1. Select the object you want to add a caption to.
2. Tap  in the navigation bar at the top of the window, then based on the object you selected, do one of the following:
 - *For shapes, images, movies, text boxes, and equations:* Tap the Style tab, tap Title and Caption, then turn on Caption.
 - *For drawings:* Tap the Drawing tab, tap Title and Caption, then turn on Caption.

- *For tables:* Tap the Table tab, then turn on Caption.
 - *For charts:* Tap the Chart tab, then turn on Caption.
 - *For image galleries:* Tap the Gallery tab, tap Title and Caption, turn on Caption, then choose whether to include a different caption for each image or the same caption for all images.
 - *For grouped objects:* Tap Title and Caption, then turn on Caption.
3. Double-tap the placeholder caption below the object, then type your caption.
 4. To change the font, size, style, or other formatting, tap the caption (or tap the object, then tap the caption), tap  in the navigation bar, then in the Caption tab, make your choices.
 5. To hide the caption, tap  in the navigation bar, tap the Style tab, tap Title and Caption, then turn off Caption.

If you turn on Caption again, the previous caption reappears.

Add a title

1. Select the object you want to add a title to.
2. Tap  in the navigation bar at the top of the window, then do one of the following:
 - *For shapes, images, movies, text boxes, and equations:* Tap the Style tab, tap Title and Caption, then turn on Title.
 - *For drawings:* Tap the Drawing tab, tap Title and Caption, then turn on Title.
 - *For tables:* Tap the Table tab, then turn on Title.

You can also tap the table, tap  in the format bar that appears, then tap Title.

- *For charts:* Tap the Chart tab, then turn on Title.

You can also tap the chart, tap  in the format bar that appears, then tap Title.

- *For image galleries:* Tap the Gallery tab, tap Title and Caption, then turn on Title.
- *For grouped objects:* Tap the Title and Caption tab, then turn on Title.

3. To change the location of the title, choose “On Top” or “On Bottom.”

If you choose “On Bottom” and add a caption, the caption always appears below the title.

For donut charts, tap Position, then choose “Top” or “Center.”

Note: Some objects, such as tables and most charts, can only have titles that appear on top of the object.

4. Double-tap the placeholder title, then type your title.
5. To hide the title, tap  in the navigation bar, tap the Style tab, tap Title and Caption, then turn off Title.

If you turn on Title again, the previous title reappears.

Related

[Add linked objects to make your Keynote presentation interactive on Apple Vision Pro](#)

Add linked objects to make your Keynote presentation interactive on Apple Vision Pro

You can enable objects to act as links that viewers tap to jump from one slide to another. This is especially useful when you want to create an interactive presentation that lets viewers choose their own path through the slideshow.

Objects that can be turned into links include shapes, lines, images, image galleries, drawings, text boxes, equations, groups of objects, and animated drawings.

Add a link to a slide

1. Tap the object you want to turn into a link, tap  in the format bar that appears, then tap Link.
2. Choose one of the slide options or tap Link to Slide and specify the number of the slide you want the link to lead to.
3. To verify the link's destination, tap , then tap Go to Slide.

Linked text is underlined, and a link button (a curved arrow) appears in the lower-right corner of a linked object. (The link button isn't visible when you play your presentation.)

Edit or remove a link

- Tap the link button next to the object, tap Link Settings, then select a different destination.
- To remove the link, tap Remove.

Play a presentation interactively

To use linked objects to navigate between slides, you must set your slideshow to play as a Normal or Links Only presentation type (Self-Playing won't let you use links). You can also set your presentation to play immediately after it's opened, continuously on a loop, or from the beginning if left idle.

1. Tap  in the navigation bar at the top of the window, tap Presentation Options, tap Presentation Type, then choose an option that supports interactive presentations:
 - *Normal*: The presentation changes slides or starts animations when the viewer taps or swipes the screen, or taps a link on the slide. This is useful if you want to present slides sequentially.
 - *Links Only*: The presentation changes slides only when the viewer taps a link on the slide. This is useful if you want to present an interactive slideshow in a kiosk setting, or if you want to present slides in nonsequential order.
2. Set any of the playback options:
 - *Loop Slideshow*: Turn on to have the presentation start replaying from the first slide at the end of the slideshow.
 - *Restart Show if Idle*: Turn on, then pinch and drag the slider to set the amount of idle time with no viewer interaction before the presentation returns to the first slide.
3. To start the presentation, tap to select the slide you want to begin with in the slide navigator on the left, then tap  in the navigation bar at the top of the window.

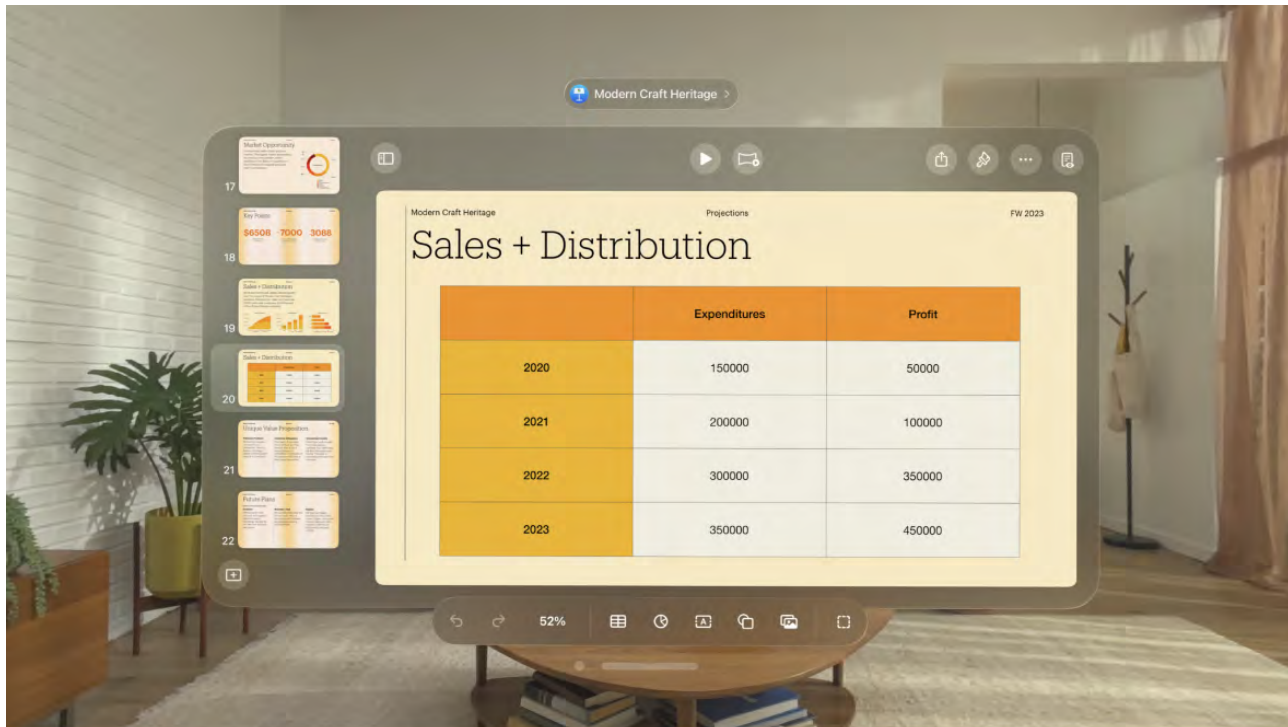
Related

[Add a link to a slide](#)

Add tables and charts

Add, move, or lock a table in Keynote on Apple Vision Pro

When you add a table, you choose from a number of predesigned styles that match your theme. After you add a table, you can customize it however you like.



Add a new table

1. Tap  in the toolbar at the bottom of the window, then tap a table to add it to the slide.

Swipe right and left to see more style options.

2. To add content to a cell, double-tap the cell.
3. Do any of the following:
 - *Move the table:* Tap the table, then pinch and drag  in its top-left corner.
 - *Add or remove rows:* Tap the table, tap  in its bottom-left corner, then tap the arrows.
 - *Resize the table:* Tap the table, tap  in its top-left corner, then pinch and drag the blue dot in the bottom-right corner to resize the table proportionally.
 - *Change the alternating row color setting:* Tap the table, tap  in the navigation bar at the top of the window, tap Table (if it's not already selected), then turn Alternating Rows on or off.
 - *Change the look of a table:* Tap the table, then use the controls in the format bar to make changes to the table style, cell fill, and more.

For more options, you can also tap the table, tap  in the navigation bar at the top of the window, then choose the options you want.

To delete a table, tap the table, tap  in its top-left corner, tap  in the format bar that appears, then tap .

Create a table from existing cells

When you create a new table from cells in an existing table, the original cell data is moved, not copied. The original table is left with empty cells, which you can delete.

1. [Select the cells](#) with the data you want to use to create the new table.
2. Pinch and hold the selection until it appears to lift, then drag it to a new position on the slide.

Add or remove rows and columns

You can add, delete, move, and resize rows and columns in a table. There are three types of rows and columns:

- *Body rows and columns* contain the table data.
- *Header rows and columns* (if any) appear at the top and left side of the table. They usually have a different background color from the body rows, and they're typically used to identify what the row or column contains.
- *Footer rows* (if any) appear at the bottom of a table, and they can have a different background color from the body rows.

1. Tap the table.
2. Do any of the following:
 - *Add or delete rows or columns at the edge of the table:* Tap  in the bottom-left corner of the table to add or delete rows. Tap  in the top-right corner of the table to add or delete columns.
 - *Change the number of rows or columns in the table:* [Select the table](#), tap  in the format bar that appears, then use  or  to adjust the number of rows and columns.
 - *Insert or delete a row or column within the table:* Tap the row number or column letter, tap  in the format bar that appears, then tap an option, such as Add Row Above, Add Column Before, or .

You may not be able to delete a row or column if all its cells aren't empty.

Add or remove header rows and columns

Header rows and columns appear at the top and left side of the table. They usually have a different background color from the body rows, and they're typically used to identify what the row or column contains. *Footer rows* appear at the bottom of a table, and they can have a different background color from the body rows.

Adding header rows, header columns, and footer rows converts existing rows or columns to headers or footers. For example, if you have data in the first row of a table and you add a header row, the first row is converted to a header that contains the same data. Data in header cells isn't used in calculations.

1. Tap the table, tap  in the format bar that appears, then tap Headers & Footer.
2. Tap  or  next to a header or footer category.

Lock or unlock a table

You can lock a table so that it can't be edited, moved, or deleted.

- *Lock a table:* Tap the table, tap  in the format bar that appears, then tap Lock.
- *Unlock a table:* Tap the table, tap  in the format bar that appears, then tap Unlock.

Related

[Merge cells](#)

Change the look of a table in Keynote on Apple Vision Pro

Change the look of table text

Tap the table, or select the cells you want to change, tap  in the format bar that appears, then use the controls to set the font and font size, text style, and text alignment.

Apply a different style to a table

1. Tap the table, then tap  in the navigation bar at the top of the window.
2. Tap Table (if it's not already selected), then tap a different style.

If you changed the table font, border style, or border color before applying a different table style, the new table might not retain those changes.

Show, hide, or edit a table title

When you add a table, its placeholder name (*Table 1*, for example) is hidden by default. You can show the name and edit it. No tables in a presentation can have the same name.

1. Tap the table, then tap  in the navigation bar at the top of the window.
2. Tap Table (if it's not already selected), then turn Title on or off.
3. To edit the table title, double-tap it.

The insertion point appears in the name.

4. Pinch and drag the insertion point where you want to edit, then make your changes. See [Enter text and use Dictation on Apple Vision Pro](#).

Tip: You can enclose the table title in a border. Tap the table title, tap  in the navigation bar at the top of the window, tap Title, then turn on Border.

Change the border and background of table cells

You can change the border and background of any selection of table cells.

1. [Select the cells](#) you want to change.
2. Tap  in the format bar that appears, then tap a color to fill the cells, or tap Edit Cell Border to make changes to the cell border.

Add and edit cell content in Keynote on Apple Vision Pro

You can use the keyboard to enter the type of data you want (letters, numbers, or symbols). You can also copy and paste content into cells from somewhere else.

Note: If you can't add content to a table, make sure it's unlocked. [Select the table](#), then tap  in the format bar that appears (if you don't see , the table isn't locked).

Add content

- *Add content to an empty cell:* Tap or double-tap it so you see the insertion point and the keyboard, then start typing.
- *Edit content:* Tap or double-tap the cell to make the insertion point appear. To move the insertion point, pinch and drag it where you want to type.
- *Add an object to a cell:* Tap an object in your presentation, then tap Cut or Copy. Tap the cell where you want to add the object, tap the cell again, then tap Paste.

By default, Keynote scales the object to fit in the cell as an *image fill* (background). To change the object's size, you can resize the row.

Format cells

By default, Keynote formats table cells automatically, so letters and numbers appear the way you type them. But you can format table cells to display specific types of data, like numbers, currency, percentages, date and time, and durations denoting a span of time (for example, “3 weeks 4 days 2 hours”). If you change the data format for a cell, you can always revert back to the automatic format.

1. [Select the cells](#) or [table](#) you want to format.
2. Tap , then tap Automatic, or choose a format like Numbers, Currency, or Duration.
3. If you want to make more changes, tap  in the navigation bar at the top of the window, tap Format, then tap  to the right of the format.

Wrap text to fit in a cell

If a cell isn't wide enough to display all the text in the cell, you can *wrap* the text so it appears on multiple lines in the cell.

- *Wrap text in a single cell:* Tap the cell, or [select a row or column](#), tap ... in the format bar that appears, then tap Wrap Text.

Merge cells

Merging table cells combines adjacent cells into a single cell. Unmerging cells that were previously merged retains all the data in the new top-left cell.

1. [Select adjacent cells](#).

You can't merge cells that aren't adjacent or that are from different areas of the table—for example, the body and the header. You can't merge columns or rows.

2. Tap ... in the format bar, then tap Merge Cells.

If you don't see the option to merge the cells, tap the selection.

These are the results of merging cells:

- If only one of the cells contains content prior to merging, the merged cell retains the content and formatting of that cell.
- If multiple cells contain content before merging, all the content is retained, but cells with a specific data format, such as numbers, currency, or dates, are converted to text.
- If a fill color is applied to the top-left cell, the merged cell takes on that fill color.

Clear content from a cell or range of cells

- [Select the cell](#) or select a range of cells, tap ... in the format bar that appears, then tap .

Insert a line break or tab into text in a table cell

You can insert a line break to type multiple paragraphs of text in a table cell. You can also insert a tab.

1. Double-tap a cell.

2. Type the first paragraph of your text, then do one of the following:

- *Insert a line break:* Tap in the cell where you want the line break, then tap Return on the keyboard.
- *Insert a tab:* Tap in the cell where you want the tab, tap again, tap Insert in the menu that appears, then tap Tab.

You may have to swipe to see the Insert option.

Related

[Add, move, or lock a table in Keynote on Apple Vision Pro](#)

Highlight cells conditionally in Keynote on Apple Vision Pro

You can have Keynote change the appearance of a cell or its text when the value in the cell meets certain conditions. For example, you can make cells turn red if they contain a negative number. To change the look of a cell based on its cell value, create a conditional highlighting rule.

Add a highlighting rule

1. [Select one or more cells.](#)
2. Tap  in the navigation bar at the top of the window, tap Cell, then tap Add Conditional Highlighting.
3. Tap a type of rule (for example, if your cell value will be a number, tap Numbers), then tap a rule.
4. Enter values for the rule.

For example, if you selected the rule “date is after,” enter a date that the date in the cell must come after.

5. Tap a text style, such as bold or italic, or a cell fill, such as red or green.

You can choose Custom Style to choose your own font color, font style, and cell fill.

6. Tap Done.

Note: If a cell matches multiple rules, its look changes according to the first rule in the list. To reorder rules, tap Edit, then pinch and drag  next to the rule name. Tap Done.

Repeat a highlighting rule

After you add a conditional highlighting rule to a cell, you can apply that rule to other cells, too.

1. [Select the cell](#) with the rule you want to repeat and the cells you want to add the rule to.
2. Tap  in the navigation bar at the top of the window, then tap Cell.
3. Below Conditional Highlighting, tap Combine Rules.

Delete a highlighting rule

1. [Select the cells](#) with the rules you want to delete.
2. Tap  in the navigation bar at the top of the window, then tap Cell.
3. Below Conditional Highlighting, swipe left on the rule you want to delete, then tap Delete.

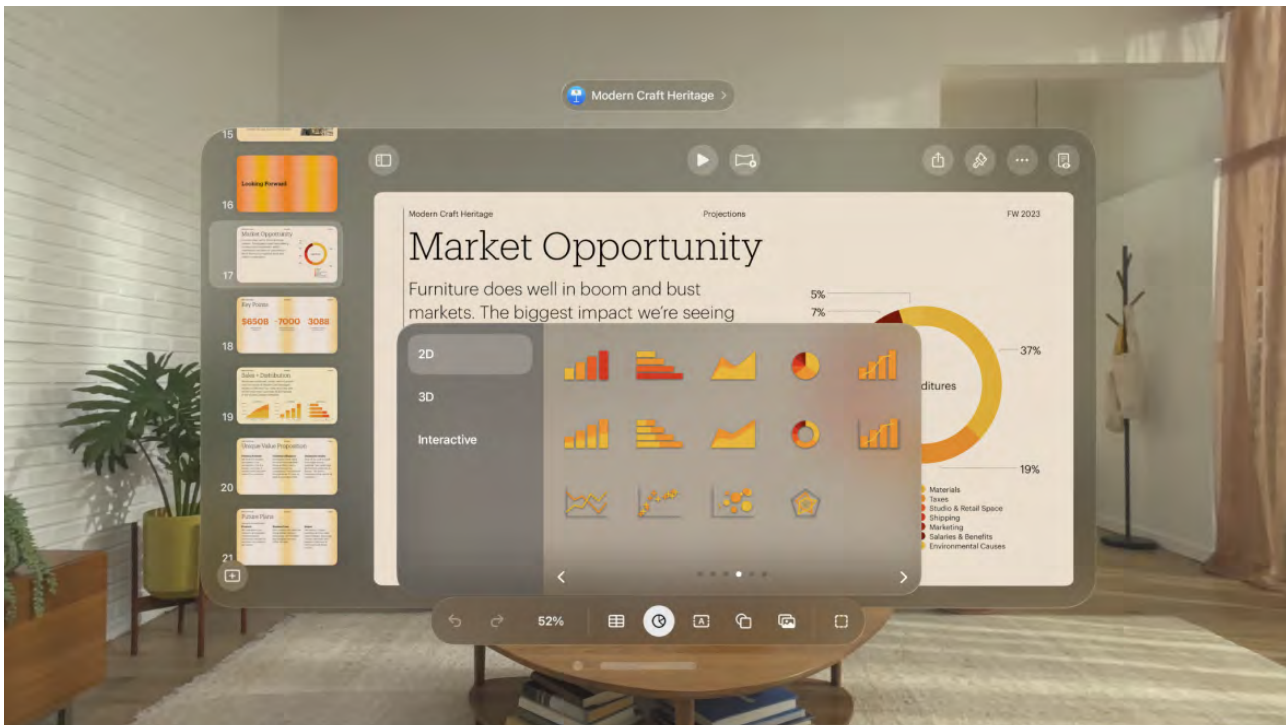
Related

[Change the appearance of text in Keynote on Apple Vision Pro](#)

Add or modify a chart in Keynote on Apple Vision Pro

When you create a chart in Keynote on Apple Vision Pro, you type chart data in the Chart Data editor (not in the chart itself). If you later make changes in the Chart Data editor, the chart updates automatically.

You can modify a chart's data references (numbers, dates, or durations) at any time. You can add and remove an entire data series, or edit a data series by adding or deleting specific data from it.



Add a chart

1. Tap  in the toolbar at the bottom of the window, then tap the chart you want.

You can tap 2D or 3D to see the types of charts you can add, then swipe left or right to see more options for each type of chart.

When you add a 3D chart, you see  at its center. Pinch and drag this control to adjust the chart's orientation.

2. To add data, tap ... in the format bar that appears, tap Edit Data, then do any of the following:
 - *Enter data:* Tap placeholder text, then enter your own data.
 - *Change whether rows or columns are plotted as a data series:* Tap  in the toolbar at the bottom of the window, then tap an option.
3. If you added an interactive chart, to change the type of control used for interacting with the chart, tap the chart, tap ... in the format bar that appears, tap Format Options, then tap Buttons Only under Interactive Chart.

Add a Magic Chart effect to an interactive chart

You can animate the different data series in a chart with a Magic Chart build effect.

1. Tap the interactive chart, tap ... in the format bar that appears, then tap Animate.
2. Tap Magic Chart at the bottom of the window.
3. Tap Start, then tap an option:
 - *On Tap:* The Magic Chart effect plays when you tap the slide during the presentation.
 - *After Transition:* The Magic Chart effect plays when the slide opens during the presentation.
4. To see a preview of the animation, tap .

Add or delete a data series

1. Tap the chart, tap ... in the format bar that appears, then tap Edit Data.
2. Do any of the following:
 - *Add a data series:* Tap cells, then enter the data for your new data series.
 - *Remove a data series:* Tap the bar for the row or column you want to delete, tap it again, then tap Delete.
 - *Reorder data series:* Pinch and drag the bar for the data series you want to move.
3. Tap  to return to the chart.

Switch rows and columns as data series

When you add a chart, Keynote defines the default data series for it. In most cases, if a table is square or if it's wider than it is tall, the table rows are the default series. Otherwise, the columns are the default series. You can change whether rows or columns are the data series.

1. Tap the chart, tap  in the format bar that appears, then tap Edit Data.
2. Tap , then tap Plot Rows as Series or Plot Columns as Series.
3. Tap Done to return to the chart.

Share the x-axis for multiple values along the y-axis for scatter and bubble charts

Sharing the x-axis means plotting a single kind of value along the x-axis, while allowing for multiple kinds of values plotted along the y-axis. By default, the x-axis values are shared among multiple sets of y-axis values in some types of charts.

1. Tap the chart to select it, tap  in the format bar that appears, then tap Edit Data.
2. Tap , then tap Share X Values.
3. Tap Done to return to the chart.

About chart downsampling

If a column, bar, line, or area chart references a table with a large number of data points, the chart automatically shows a representative sample of each series to improve the performance of Keynote. Downsampling doesn't change or remove the data in your table, and only changes the visible data points in the chart.

If your chart data is being downsampled, a message appears when you tap , tap the Chart tab, then tap Large Data Set.

If you want to see certain data points in your chart, you need to create the chart from a smaller table or a smaller selection of data from a large table.

Related

[Add a legend, gridlines, and other markings in Keynote on Apple Vision Pro](#)

[Change the look of bars, wedges, and more in Keynote on Apple Vision Pro](#)

Change the look of bars, wedges, and more in Keynote on Apple Vision Pro

A data series is a set of related values in a chart—for example, all the bars of the same color in a bar chart, or a single line in a line chart.

You can emphasize trends in your chart by changing the appearance, position, or spacing of one or more of the data series.

Apply a different style to a chart

1. Tap the chart, then tap  in the navigation bar at the top of the window.
2. Tap Chart, then tap one of the chart styles.

Change colors, shadows, spacing, and other options

You can change the look of a chart by adding colors, textures, shadows, and more. You can change the look of the entire chart, or change individual data series in a chart to differentiate them from other series. For bar charts, for example, you can fill the bars in each series with a different color or a color gradient, apply a different outline (stroke) style, and more. For scatter charts, you can change the symbol that represents each point and add connection lines between the points.

Note: You can't change the look of a single data point in a series (a single bar in a bar chart, for example). All changes you make apply to every data point in the series.

1. Tap the chart, then tap  in the navigation bar at the top of the window.
2. Do one of the following:
 - *Apply a coordinated color palette to all the data series:* Tap Chart, then tap a thumbnail at the top of the Chart tab. All the colors in the chart change at once.
 - *Apply colors, images, or textures to all the data series:* Tap Style, tap General, then tap Chart Colors. Tap Colors, Images, or Textures, then tap a collection to apply it.
 - *Change the color, gradient, or image for individual pieces of the chart:* Tap Chart, tap Edit Series, then tap the name of the datum whose appearance you want to change. Tap Fill, then tap Preset, Color, Gradient, or Image.

The changes affect only the selected data series. To change another series, tap one of its elements, then make changes.

- *Change the spacing in bar or column charts:* Tap Style, tap General, then pinch and drag the slider for Gaps Between Columns, Gaps Between Bars, or Gaps Between Sets.
- *Add rounded corners to bar, column, mixed, and two-axis charts:* Tap Style, then pinch and drag the Rounded Corners slider, or tap the percentage under Rounded Corners and enter a new value.
- *Change the depth of a 3D chart and the shape of series elements:* Tap Chart, then adjust the Depth slider.

- *Resize the center hole of a donut chart:* Pinch and drag the Inner Radius slider, or tap the percentage below Inner Radius and enter a new value
- *Bevel the edges between series or wedges in 3D stacked and pie charts:* Tap Chart, then turn on Bevels.
- *Change the grid style of radar charts:* Tap Chart, then adjust the options below Grid Style.

Add or change data symbols in line, scatter, and radar charts

You can change the symbols used to represent data in line, scatter, and radar charts.

1. Tap the chart to select it, then tap  in the navigation bar at the top of the window.
2. Tap Style, tap General, tap Data Symbol, tap Data Symbol again, then choose a symbol, or choose None to remove symbols from the chart.
3. To change the look of data symbols for only one data series, tap the chart to select it, tap , tap Chart, then tap Edit Series.
4. Tap the series whose symbol you want to change, then do any of the following:
 - *Change the shape of data symbols:* Tap Data Symbol, tap Data Symbol again, then choose a symbol, or choose None to remove symbols for this data series.
 - *Change the size of data symbols:* Tap Data Symbol, then tap  or  next to Size, or set the size to Auto for automatic sizing.
 - *Change the color of data symbols:* Tap Data Symbol, tap Color in the Fill section, then tap to select Preset, Color, Gradient, or Image fill. (You can only change the fill color for some data symbols.)
Tap Use Series Stroke Color to revert to presets.
 - *Change the outline of the data symbols:* Tap Data Symbol, turn on Stroke to add an outline, then change the style, color, and weight.

If you can't edit a chart, you may need to unlock it. See [Lock or unlock objects](#).

Related

[Add or modify a chart in Keynote on Apple Vision Pro](#)

[Add a legend, gridlines, and other markings in Keynote on Apple Vision Pro](#)

[Change the look of chart text and labels in Keynote on Apple Vision Pro](#)

Add a legend, gridlines, and other markings in Keynote on Apple Vision Pro

There are several types of chart markings and axis labels you can add to your charts. You can modify their look to emphasize your data, and you can style the chart title and value label text differently to make it stand out from the other text.



Add a legend

1. Tap the chart, tap ⌚ in the format bar that appears, then tap Legend.
2. Tap the chart, then do any of the following:
 - *Change the style of the legend text:* Tap 🖋️, tap Style below the Legend button, then adjust text and fill attributes.
 - *Reposition the legend:* Pinch and drag the legend to where you want it.

Modify axis lines and gridlines

Axis lines define the edge of the chart, sometimes also marking the zero value, like an inner border. Evenly spaced *gridlines* cross the chart and provide a visual reference for large increments in the values. You can specify whether to show chart axis lines and gridlines and modify their look.

1. Tap the chart, then tap 🖋️ in the navigation bar at the top of the window.
2. Tap Style, tap Gridlines, then do any of the following:
 - *Set the axis line type:* Tap Line Type, then select a solid, dashed, or dotted line type.

If you're working with a radar chart, you can also tap Radial Lines (below Category) and select a line type.

- *Set the axis line color:* Tap the color well, then choose a color.
- *Set the axis line width:* Type a value, or tap the – or + button.
- *Set the number and look of major gridlines:* Tap Major Gridlines for the Value or Category axis. Turn on Gridlines. Next to Major Steps, type a value or tap the – or + button to adjust. You can also define the line type, color, and width and add a shadow.
- *Set the number and look of minor gridlines:* Tap Minor Gridlines for the Value or Category axis. Turn on Gridlines. Next to Minor Steps, type a value or tap the – or + button to adjust. You can also define the line type, color, and width and add a shadow.
- *Show tick marks:* Tap Tick Marks, then choose whether tick marks are inside, outside, or centered.
- *Extend radial lines (for radar charts):* Turn on Extend Radial Lines.

Note: These options vary depending on the type of chart and data.

3. To remove gridlines, tap , then turn off Major and/or Minor Gridlines for the Value or Category axis.

Show or remove reference lines

You can add reference lines to a chart to mark the average, median, minimum, or maximum values. Reference lines make a chart easier to interpret at a glance and can help you compare the values in the chart to a benchmark value.

All chart types can have reference lines except stacked charts, 2-axis charts, 3D charts, pie charts, donut charts, and radar charts. A chart can have up to five reference lines.

1. Tap the chart, tap  in the navigation bar at the top of the window, then tap Chart.
2. Tap Add Reference Line, then tap an option, such as Average, Minimum, or Custom.
3. To clarify what the reference line represents, tap to turn on Show Name and Show Value.
4. To change the settings for a reference line, tap the name of the line, then use the controls in the panel.

You can hide, show, and change the line's name or value, change its style and color, and add a shadow.

To remove a reference line, tap the chart to select it, tap , tap Chart, tap the name of the reference line, then tap Remove Line.

Note: When you drag the slider on an interactive chart to view different data sets, its reference lines move.

Show or remove error bars

Error bars give you a general impression of your data's accuracy. They're represented as small marks whose length indicates the amount of uncertainty associated with a given data series (the data's variability). You can add them to 2D line charts, area charts, bar and column charts, stacked bar and column charts, bubble charts, and scatter charts.

1. Tap the chart, tap  in the navigation bar at the top of the window, then tap Chart.
2. Tap Error Bars, then choose an option.
3. Use the controls to change the look of the error bars.

To remove error bars, tap Error Bars, then choose None.

Show or remove trendlines

Trendlines show you the overall direction (or trend) of your data. Trendlines appear in bar, line, scatter, bubble, column, and area charts.

1. Tap the chart, tap  in the navigation bar at the top of the window, then tap Chart.
2. Tap Trendlines, then choose the type of line you want to add.
3. Use the controls to change the look of the trendline.

To remove trendlines, tap the chart, tap , tap Chart, tap Trendlines, tap Type, then choose None.

Related

[Add or modify a chart in Keynote on Apple Vision Pro](#)

[Change the look of bars, wedges, and more in Keynote on Apple Vision Pro](#)

[Change the look of chart text and labels in Keynote on Apple Vision Pro](#)

Change the look of chart text and labels in Keynote on Apple Vision Pro

You can change the look of chart text by applying a different style to it, changing its font, adding a border, and more.

Change the font, style, and size of chart text

You can change the look of all the chart text at once.

1. Tap the chart, then tap  in the navigation bar at the top of the window.

2. Tap Style, then tap Labels.
3. Do any of the following:
 - *Change the font:* Tap Chart Font, then tap a font name.
 - *Change the font style:* Tap Chart Font, tap ⓘ next to the font name, then tap a style (for example, Regular, Bold, and so on).
 - *Make the font smaller or larger:* Tap + or – next to Size.

All text in the chart increases or decreases proportionally (by the same percentage).

Edit the chart title

Charts have a placeholder title (*Title*) that's hidden by default. You can show and rename the chart title.

1. Tap the chart, tap ⌚ in the format bar that appears, then turn on Title.
2. To see and change the alignment of the title—so that it's on the left of the chart, for example—tap the chart, tap 📏 in the navigation bar at the top of the window, tap Chart, then tap Style.
3. To edit the title, double-tap it (a box appears around it), then [select](#) the text, then type a new title.

Add and modify chart value labels

Charts have labels that show the values of specific data points. You can specify a format for them (for example, number, currency, or percentage), change where they appear or how they look, and more.

1. Tap the chart, then tap 📏 in the navigation bar at the top of the window.
2. Tap Style, then tap Labels.
3. To add value labels, do one of the following:

- *For pie or donut charts:* Turn on Values.

You can also display data labels in pie charts and donut charts by turning on Data Point Names.

- *For bubble charts:* Tap Values below Bubble Labels, then choose which values to display.
- *For scatter charts:* Tap Values below Data Point Labels, then choose which values to display.
- *For other types of charts:* Tap Value Labels, then choose an option.

4. To fine-tune the value labels, tap Number Format, turn off Same as Source, then do any of the following (these controls are available only for some chart types):
 - *Choose a format for the label:* Tap a format (for example, Number, Currency, or Percentage).
 - *Set the number of decimal places:* Tap ⓘ, then tap the + or –.
 - *Show the thousands separator:* Tap ⓘ, then turn on the Thousands Separator.
 - *Choose how to display negative numbers:* Tap ⓘ, then choose “-100” or “(100).”
 - *Add a prefix or suffix:* Enter text. It’s added to the beginning or end of the label.

Note: If you leave Same as Source turned on, the value labels are displayed in the same format as the source data in the original table.
5. To change the font, color, and style of all labels, use the controls at the top of the Labels tab.
6. If you created a pie or donut chart, you can position the value and data labels, and add leader lines to connect them to their wedges or segments. In the Labels tab, tap Position, then do any of the following:
 - *Change the position of the labels:* Pinch and drag the Distance from Center slider to set where the labels appear. Moving the labels farther from the center of the chart can help separate overlapping labels.
 - *Add leader lines:* Turn on Leader Line, then tap Straight or Angled. (With angled leader lines, the callouts align into columns, as shown below.) You can change the line type, color, and width of the leader lines and add endpoints to them.

Modify axis labels

You can specify which labels appear on an axis, edit their names, and change their angle of orientation.

1. Tap the chart, then tap  in the navigation bar at the top of the window.
2. Tap Style, then tap Labels.
3. Do any of the following:
 - *Modify markings on the Category (X) axis:* Tap Value Labels under Value (X) Axis.
 - *Modify markings on the Value (Y) axis:* Tap Value Labels under Value (Y) Axis.
4. Use the controls to make any adjustments.
5. If you turn on Axis Name, Keynote adds a placeholder axis name to the chart. To change it, [select](#) the axis name, then type your own.

Note: Axis options may be different for scatter and bubble charts.

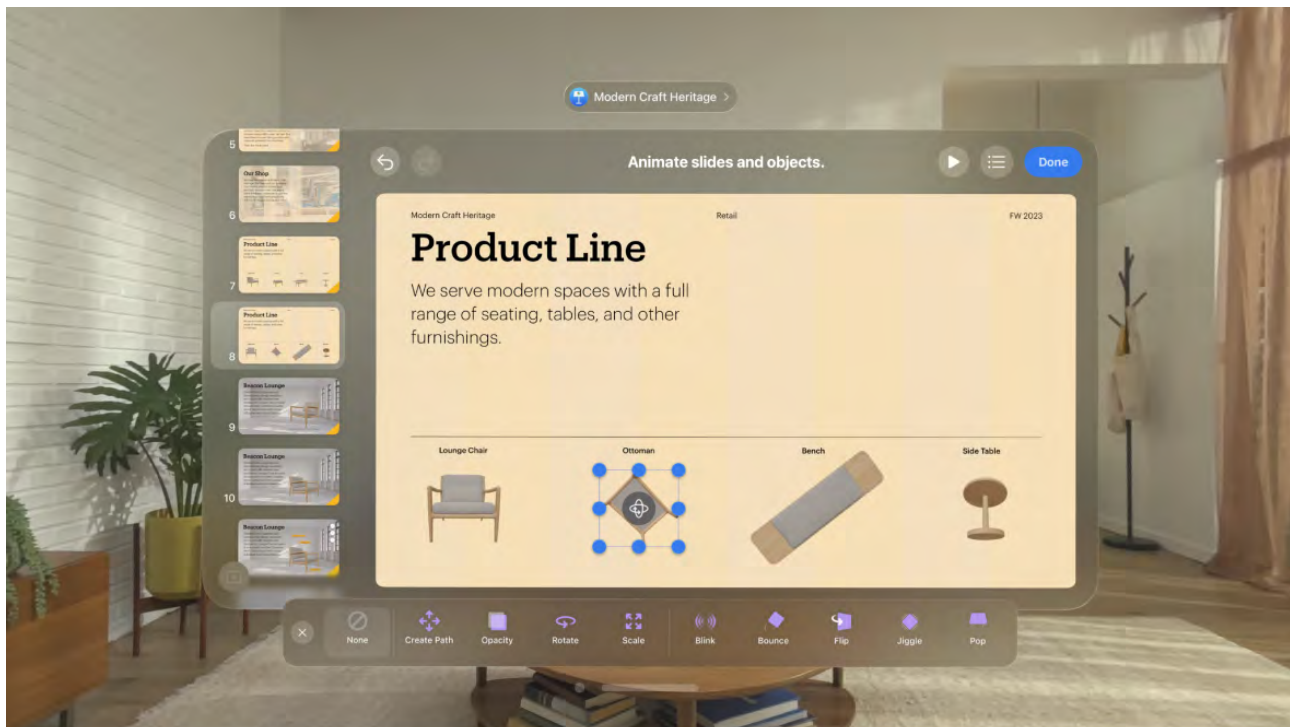
Related

[Change the look of bars, wedges, and more in Keynote on Apple Vision Pro](#)

[Add a legend, gridlines, and other markings in Keynote on Apple Vision Pro](#)

Add animations and transitions in Keynote on Apple Vision Pro

To make your presentation more dynamic, you can animate the text and objects on a slide so they appear, disappear, or both. For example, you can make text appear on the slide one bullet point at a time, or make an image of a ball bounce onto the slide.



Animate an object onto and off a slide

Object animations are called *build effects*. Different build effects can be applied depending on whether the object is a text box, chart, table, shape, or type of media (photo or video).

Moving an object onto a slide is *building in*. Moving an object off a slide is *building out*.

1. On the slide, tap the object or text box you want to animate, tap $\dots$ in the format bar that appears, then tap Animate.
2. Do any of the following:

- *Animate the object onto the slide:* Tap Add Build In.
- *Animate the object off the slide:* Tap Add Build Out.
- *Animate the object on the slide:* Tap Add Action.

3. Choose an animation, then tap .

A preview of the animation plays when you choose an animation.

4. To set animation options, such as the duration and direction, tap the animation at the bottom of the window.

To make text and objects appear piece by piece—for example, to have a pie chart appear one wedge at a time—tap Delivery, then tap an option.

The options you see depend on the animation. These build types require special steps:

- *Opacity:* To specify how transparent the object is at the end of the animation, pinch and drag the Opacity slider. If you want the object to end up invisible, pinch and drag the slider all the way to the left.
- *Rotate:* To change the direction of rotation, tap Clockwise or CounterClockwise. To choose the rotation angle, pinch and drag the Angle slider. To choose the number of rotations, tap  or  next to Rotations.
- *Scale:* To set how big the object is at the end of the animation, pinch and drag the Scale slider. You can also drag any blue dot around the transparent *ghost* object on the slide to set the object's final size.
- *Create Path:* See “Create a motion path,” below.

Create a motion path

You can create a motion path for an object so that it moves around the slide.

1. On the slide, tap to select the object or text box you want to animate, tap  in the format bar that appears, then tap Animate.
2. Tap Add Action, then tap Create Path.
3. To draw the motion path, pinch and drag the object with your finger.

By default, the line curves. To create straight lines in the path, tap .

4. When you're finished drawing the path, tap Done at the bottom.
5. To fine-tune the animation, do any of the following:
 - *Change the start point:* Pinch and drag the opaque object on the slide.

- *Change the end point:* Pinch and drag the transparent *ghost* object on the slide.
 - *Edit the path:* Tap the path, then pinch and drag any dot or square along the line. To make the path curved or straight, tap a dot or square along the line you want to edit, then tap Make Sharp Point or Make Smooth Point.
 - *Redraw the path:* Tap to select the object, tap it again, then tap Redraw Path.
 - *Split the motion path into separate builds:* Tap the path. Tap the point where you want to split the path, then tap Split Path.
 - *Preview the animation:* Tap the Motion Path build at the bottom, then tap .
6. To change the timing and acceleration of the animation, tap the Motion Path build at the bottom, then use the controls.
 7. To make the object pivot to match the curve of the movement path as it moves, tap the Motion Path build at the bottom, then turn on Align to Path. With Align to Path turned on, you can also use the Rotation slider to adjust the object's alignment to the movement path.
 8. Tap Done in the top-right corner of the window.

Tip: You can combine a Motion Path build with other action builds to create more complex animations. For example, to scale an object as it moves across a slide, pinch and drag any blue square on the ghost object.

To move multiple objects to new positions on a slide, you can also use a [Magic Move transition](#).

Apply the same animations to another object

1. Tap , then tap Animate.
2. Tap the object with the animations you want to copy, tap it again, then tap Copy Animation.
3. Tap the object you want to add the animations to, tap it again, then tap Paste Animation.

Change the build order

You can change the order in which builds appear for all animated objects on a slide, and specify when they appear in relation to each other (for example, simultaneously or one after the other).

You have a lot of flexibility in how you order builds. For example, you can have all the builds for one object play before the builds for another object begin. Or you can interleave the builds, so the builds for one object take turns appearing with the builds for another object.



1. Tap in the navigation bar at the top of the window, then tap Animate.
2. Tap at the top of the window.
3. To change the order of a build, pinch and hold the build, then drag it to a new position.
4. To change the timing of a build, tap it, then tap an option below Start Build.

Only the relevant options for a build appear. For example, After Transition appears only for the first build.

5. To preview the animation, tap .
6. Tap Done in the top-right corner of the window.

To edit multiple builds at once, tap in the corner of the Build Order list. Tap multiple builds to select them, then change their timing.

Add a transition

Transitions are visual effects that play as you move from one slide to the next. For example, the Push transition makes a slide appear to push the previous slide off the screen. You can add a transition between any two slides in your presentation.

A Magic Move is a transition that creates the effect of objects moving from their positions on one slide to new positions on the next slide when you play your presentation.

1. In the slide navigator on the left, tap to select the slide you want to add a transition to.

The transition plays after this slide as you move to the next one.

2. Tap the slide again, tap , then tap Transition.
3. Tap Add Transition at the bottom of the window, then tap a transition.

A preview of the transition plays.

4. Tap .
5. To set the duration, direction, and other settings, tap the transition at the bottom of the window.

The options you see depend on the transition you added.

If you set a transition to start automatically, it begins playing immediately after you advance the previous slide.

In the slide navigator on the left, any slide with a transition has a yellow marker in the corner.

6. Tap Done in the top-right corner.

Add a Magic Move transition

The easiest way to create a Magic Move transition is to create a slide and add objects to it, then duplicate the slide and rearrange, resize, or reorient the objects on the duplicated slide. Any objects appearing on both slides become part of the transition. Any objects appearing on the first slide, but not the following slide, fade out. Any objects appearing on the following slide, but not the original slide, fade in.

1. In the slide navigator on the left, tap to select the slide you want to add a Magic Move transition to, tap the slide again, tap , then tap Transition.
2. Tap Add Transition, tap Magic Move, then tap Done.
3. Tap Duplicate to duplicate the slide, or tap Cancel if you already duplicated it.
4. Change the position or appearance of the objects on one or both slides; you can drag objects to new locations, rotate or resize objects, add or delete objects on either slide, and more.

The Magic Move transition is most effective when both slides include at least one common object whose position or appearance has been altered.

5. To preview the transition, tap the first of the two slides in the slide navigator on the left, then tap  at the top of the window.
6. To customize the transition duration and timing, tap the first of the two slides in the slide navigator, tap Magic Move at the bottom of the window, then do any of the following:
 - *Change how long the transition lasts:* Pinch and drag the Duration slider.

- *Change when to start the transition:* Tap Start, then tap Automatically or On Tap. When you choose Automatically, you can alter the delay between transitions by dragging the Delay slider.
7. To change how text and objects move between slides, tap Delivery and Acceleration, then adjust settings.
 8. Tap Done.

Remove an animation or transition

1. Tap  in the navigation bar at the top of the window, then tap Animate.
2. Do one of the following:
 - *Remove all animations from an object:* Tap the object with the animation you want to remove, tap it again, then tap Delete Animation.
 - *Remove a specific animation from an object:* Tap  at the top of the window, then swipe all the way to the left on the animation you want to remove.
 - *Remove a transition:* Tap to select the slide in the slide navigator on the left, tap the transition at the bottom of the window, then tap Delete.

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[Rehearse a Keynote presentation in an Environment on Apple Vision Pro](#)

[Play a presentation in Keynote on Apple Vision Pro](#)

Rehearse and play presentations

Rehearse a Keynote presentation in an Environment on Apple Vision Pro

You can rehearse your presentation in a realistic setting, like a conference room or a theater, and see your presentation on the screen. You can even control the lights, adjust the volume of the Environment sounds, and more.



Rehearse your presentation

1. Open the presentation, then tap to select the first slide in the slide navigator on the left.
2. Tap , then choose an Environment.

Environments have their own sounds that suit the setting you chose. To turn down the volume, turn the [Digital Crown](#) and look at  while you turn. See [Change the appearance or volume of your Environment](#).

3. While rehearsing, you can adjust the following:
 - *Go to the next slide:* Look at the slides on the presenter display (or the virtual screen where your presentation is displayed), then tap or swipe left.
 - *Go back a slide:* Look at the slides on the presenter display (or the virtual screen where your presentation is displayed), then swipe right.
 - *Move and customize the presenter display:* Pinch and drag the window bar below the display. To customize, tap , then tap a layout option.
 - *Switch positions (Conference Room only):* Tap , tap Rehearsal Settings, then choose an option.



- *Turn the light up or down:* Tap , then tap Lights Up or Lights Down.
- *Change the Environment:* Tap , then tap Environment.
- *Show a laser pointer:* Tap , then pinch and hold to show a laser pointer on the slide.

4. To stop rehearsing, tap .

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