# Major Software Updates Coming Soon from Apple

macOS Catalina, iOS 13, iPadOS 13, watchOS 6, and tvOS 13

Apple Has Announced Upcoming Software Releases

- The June 3rd 2019 Keynote Address at this year's Apple Worldwide Developers Conference (WWDC19) addressed updates to Apple's entire line of software for all Apple's devices

    – includes software updates for all *recent* Macs, iPhones, iPads, Apple Watches, Apple TVs, CarPlay, and HomePod

    – But not for all devices - I will review which devices the new updates will run on and potential compatibility issues
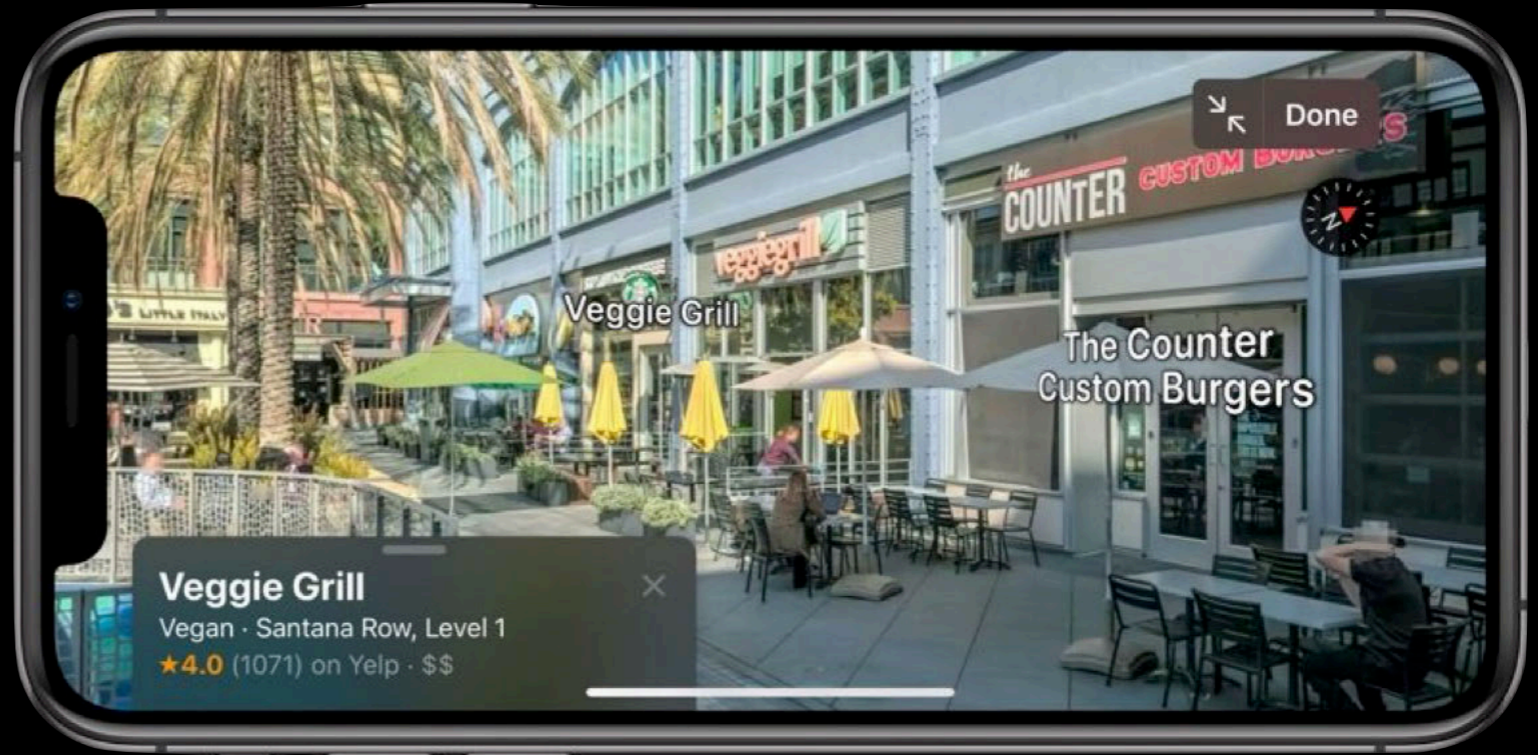
iOS 13

For iPhones and the latest iPod Touch

iPadOS 13
For iPads

What Devices Can Run iOS 13 and iPadOS 13

- If your iPhone or iPad can run iOS 12 - most can run iOS 13 or iPadOS 13

  - But not the iPhone 5s, iPhone 6, or iPhone 6 Plus - or the iPad mini 2, iPad mini 3, or iPad Air - or older iPod touches

- Devices supported:

iPhone	iPad	iPod
iPhone XS	12.9-inch iPad Pro	iPod touch (7th generation)
iPhone XS Max	11-inch iPad Pro	
iPhone XR	10.5-inch iPad Pro	
iPhone X	9.7-inch iPad Pro	
iPhone 8	iPad 6th generation	
iPhone 8 Plus	iPad 5th generation	
iPhone 7	iPad mini (5th generation)	
iPhone 7 Plus	iPad mini 4	
iPhone 6s	iPad Air (3rd generation)	
iPhone 6s Plus	iPad Air 2	
iPhone SE		

Major New iOS 13 Features

- Dark Mode Option

- Significant Upgrades to Photos App and Camera App

- Ability to silence unknown callers

- Improved privacy with new Sign-in with Apple ID and Hide my Email

- Improved security with HomeKit Secure Video and HomeKit-enabled routers

- Rebuilt Map App with Look-Around and real-time transit and flight status

- QuickPath Keyboard permits entering text by moving finger around keyboard

- Improved Siri with better intelligence and improved voice

- All-new Reminders App design

- Voice control controls iPhone with only your voice

Major New iPadOS 13 Features

All of the iOS 13 new features - plus:

- Multitasking with Slide Over and multiple windows

- New Home Screen with tighter grid and pinned widgets

- Apple pencil improvements with new tools and palettes

- Sidecar to extend Mac desktop

- Greatly improved text editing

- Safari update to display desktop web pages

- External drive support (USB drives and SD cards)
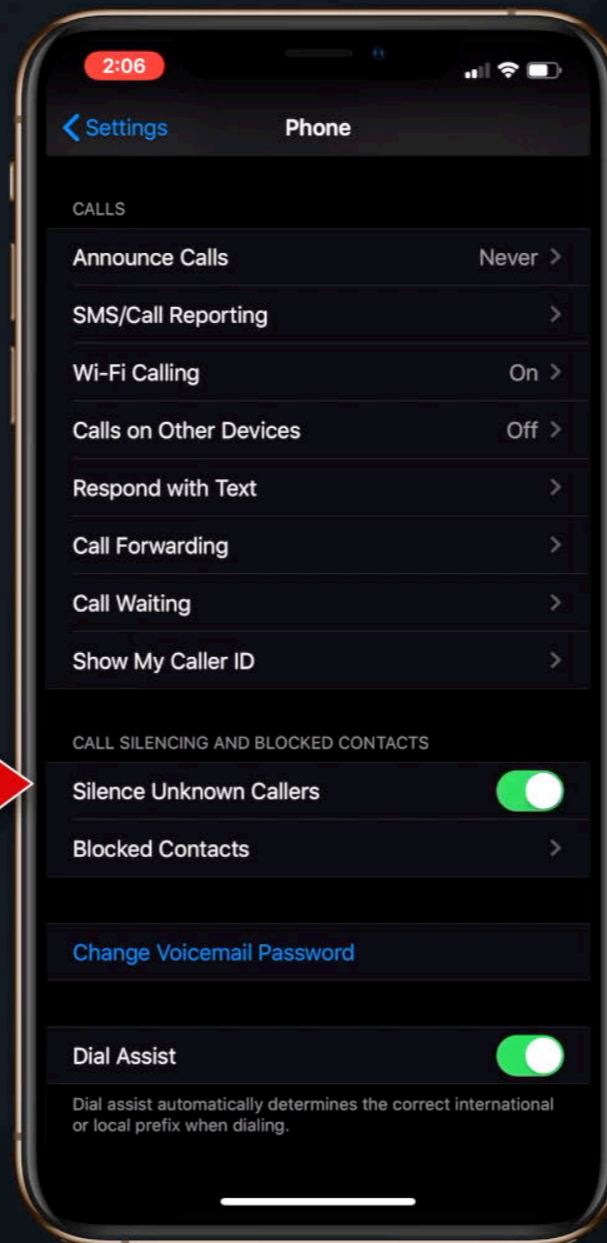
- Game Controller and mouse support
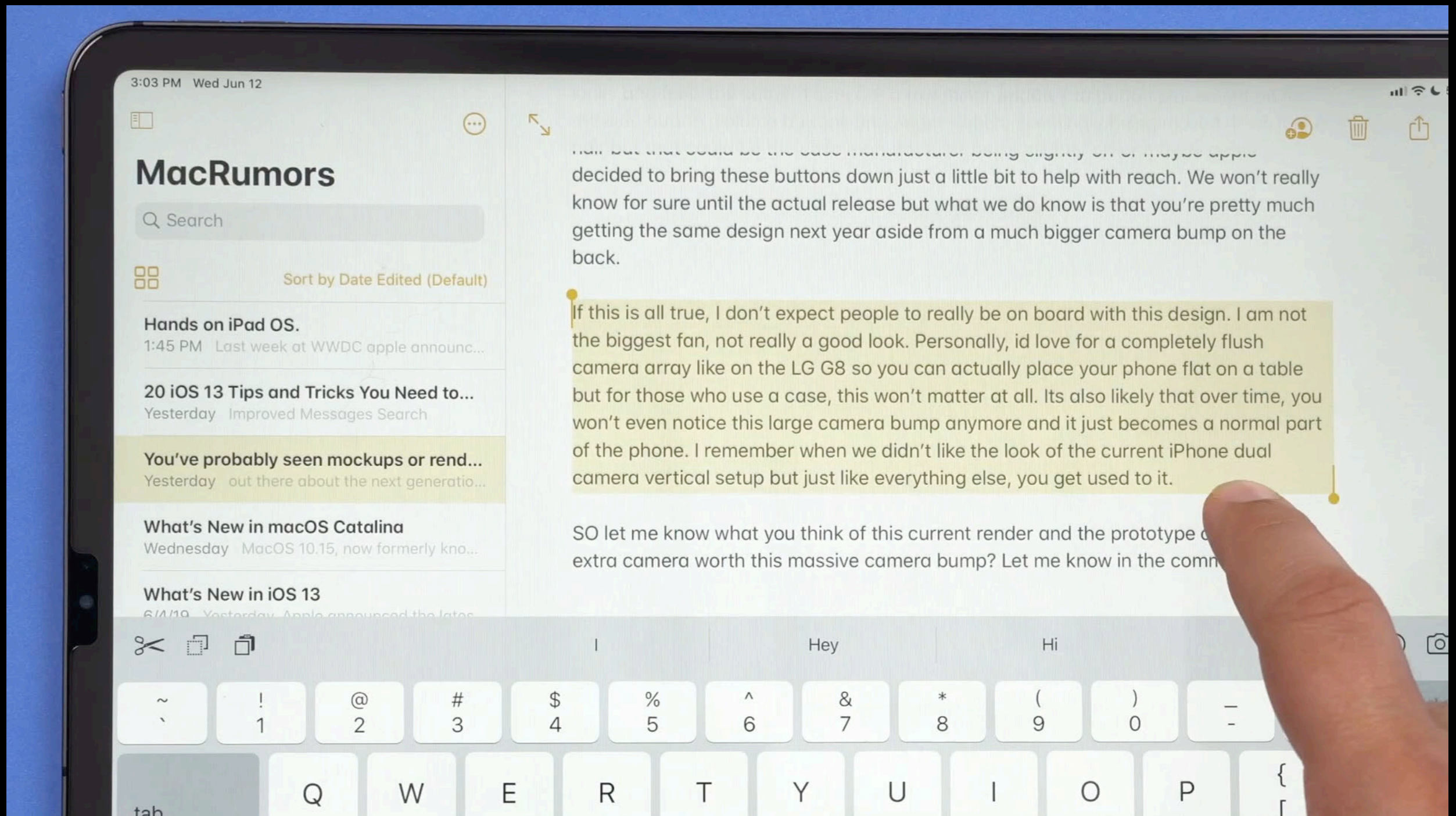
iOS 13 - First Look Video

Use your Apple ID "kim_kilgo@icloud.com" to sign in to Fretello and create your account with the information below.

NAME   Kim Kilgo   ⊗

EMAIL   Share My Email   ○
        kim_kilgo@icloud.com

        Hide My Email   ○
        Forward To: kim_kilgo@icloud.com

Continue

Source - Apple

https://www.youtube.com/watch?time_continue=24&v=katx_c0Wp74

iOS 13 - 20 New Features Video

https://www.youtube.com/watch?v=WVIghG6fL7Y
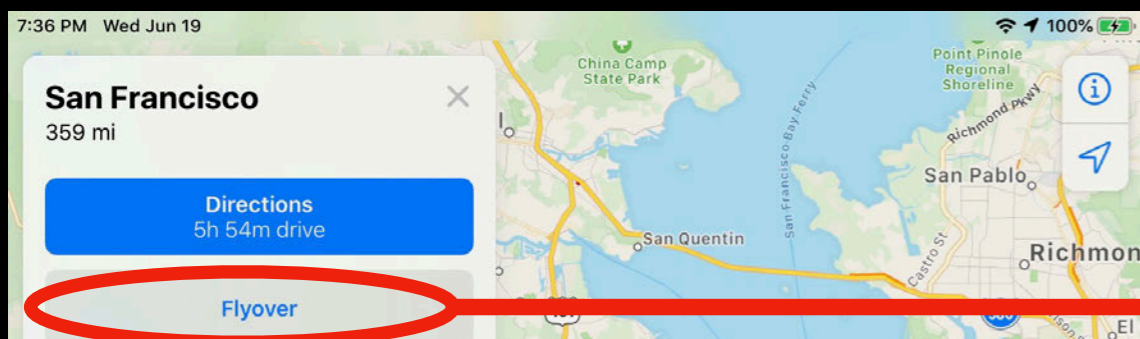
iOS 13 - Top 6 Features Video

iPadOS 13 - New Features Video

Apple Maps New Features
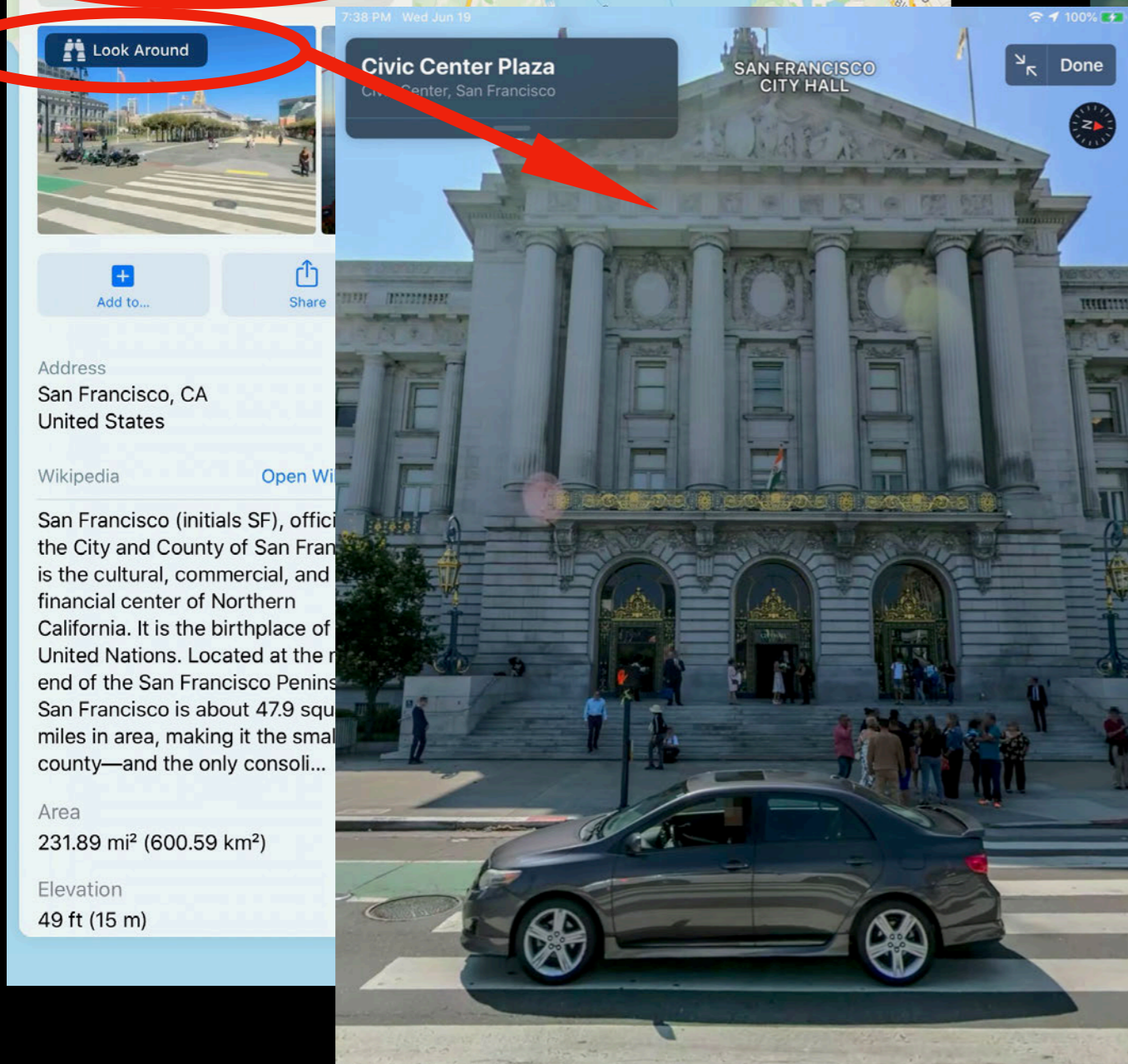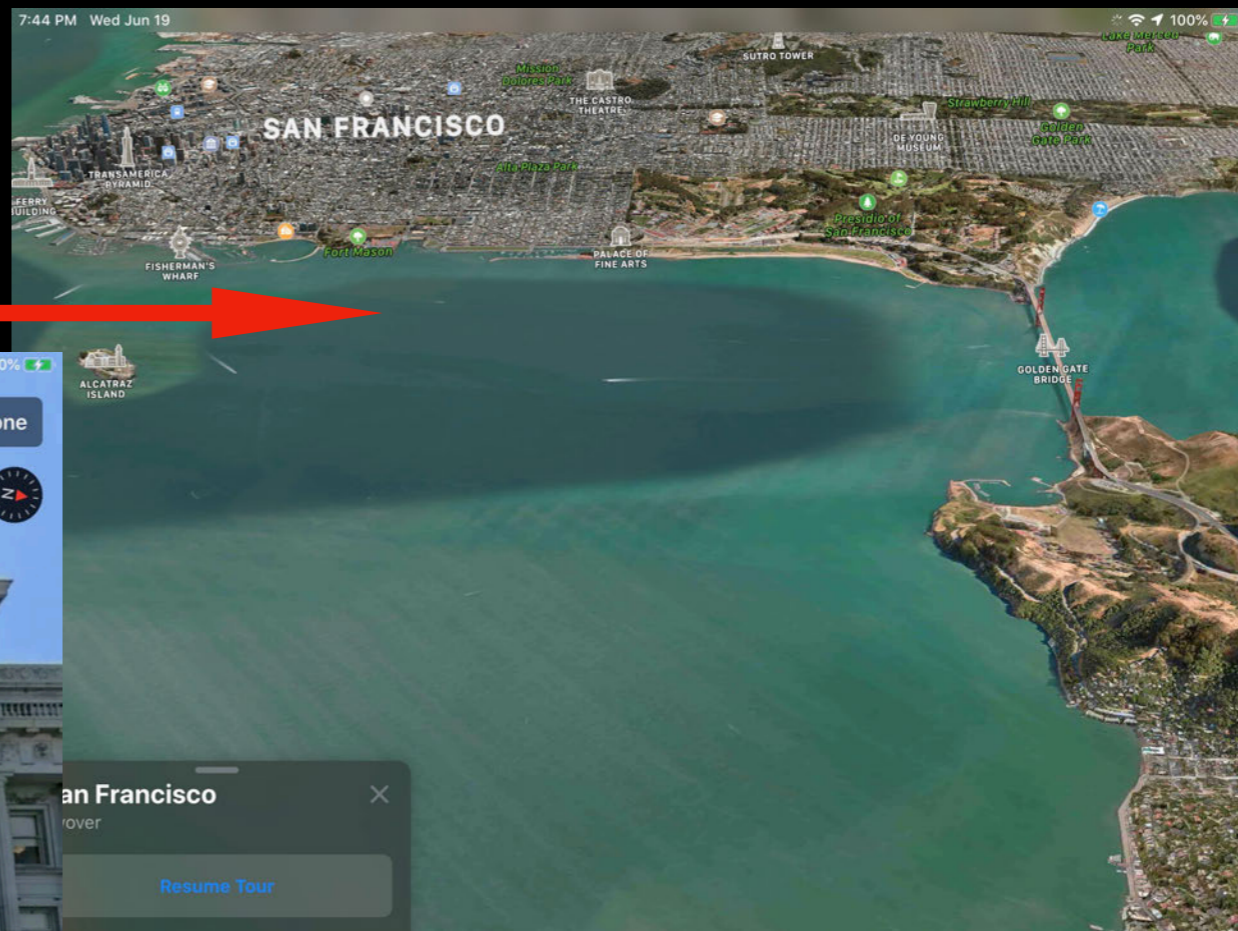
Apple Maps Car in front of our home
- October 2, 2018 at 2:28 PM

tvOS 13

For Apple TV 4 and Apple TV 4K

Major New tvOS 13 Features

tvOS 13 only runs on the Apple TV 4 and Apple TV 4K

Some features only support the Apple TV 4K

- New Home screen with full-screen video previews

- Multi-user support to switch between family members

- Apple Music now has personalized playlists & recommendations

- Apple Arcade provides family access to over 100 new games

- Xbox and PlayStation game controller support

- Stunning new screen savers

tvOS 13 - New Features Video
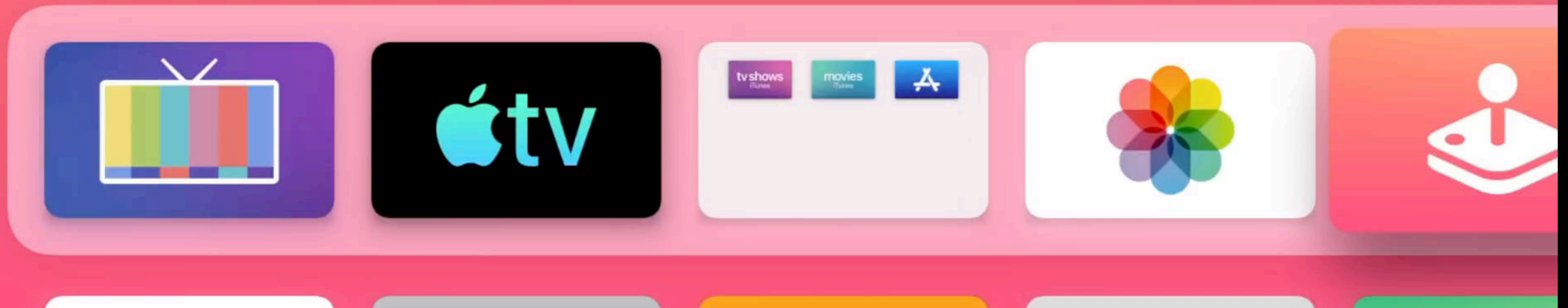
New CarPlay Features in iOS 13

- New Dashboard side-by-side layout with common tasks on same screen

- Siri improvements for improved usability

- Apple Music for CarPlay resigned with easier access to playlists

- More detailed and accurate map data with easier finding of locations

- Light mode now available in addition to standard darkish mode

- Calendar App now available on CarPlay

- Separate iPhone usage will now not interrupt CarPlay dashboard

New AirPod and HomePod Features

- Two sets of AirPods can now be paired to a single iPhone to enjoy the same song or movie along with a friend

- Siri can read incoming notifications on second-generation AirPods

- Siri can now learn and recognize voices of family members on HomePod so everyone has a personalized experience

- You can now hand off music, podcasts, and phone calls to HomePod so you can continue listening when you get home

watchOS 6

For Series 1, 2, 3, and 4 Apple Watches

Major New watchOS 6 Features

watchOS 6 runs on all Apple Watches *except the original Apple Watch*

- Several new Apple Watch Faces and Complications

- Independent Apple Watch Apps (No iPhone required)

- Watch App Store directly on Apple Watch

- Streaming Audio

- Enhanced Siri on Apple Watch

- Several new apps like Calculator, Voice Memos, and Noise Level apps

- Improved Health & Fitness Capabilities

watchOS 6 - New Watch Faces Video

https://www.youtube.com/watch?v=SKLxexC6ya0

watchOS 6 - Here's What's New Video

https://www.youtube.com/watch?v=bwFd4mE07RE

watchOS 6 - What's New Video

https://www.youtube.com/watch?v=IsjjWw70kwM
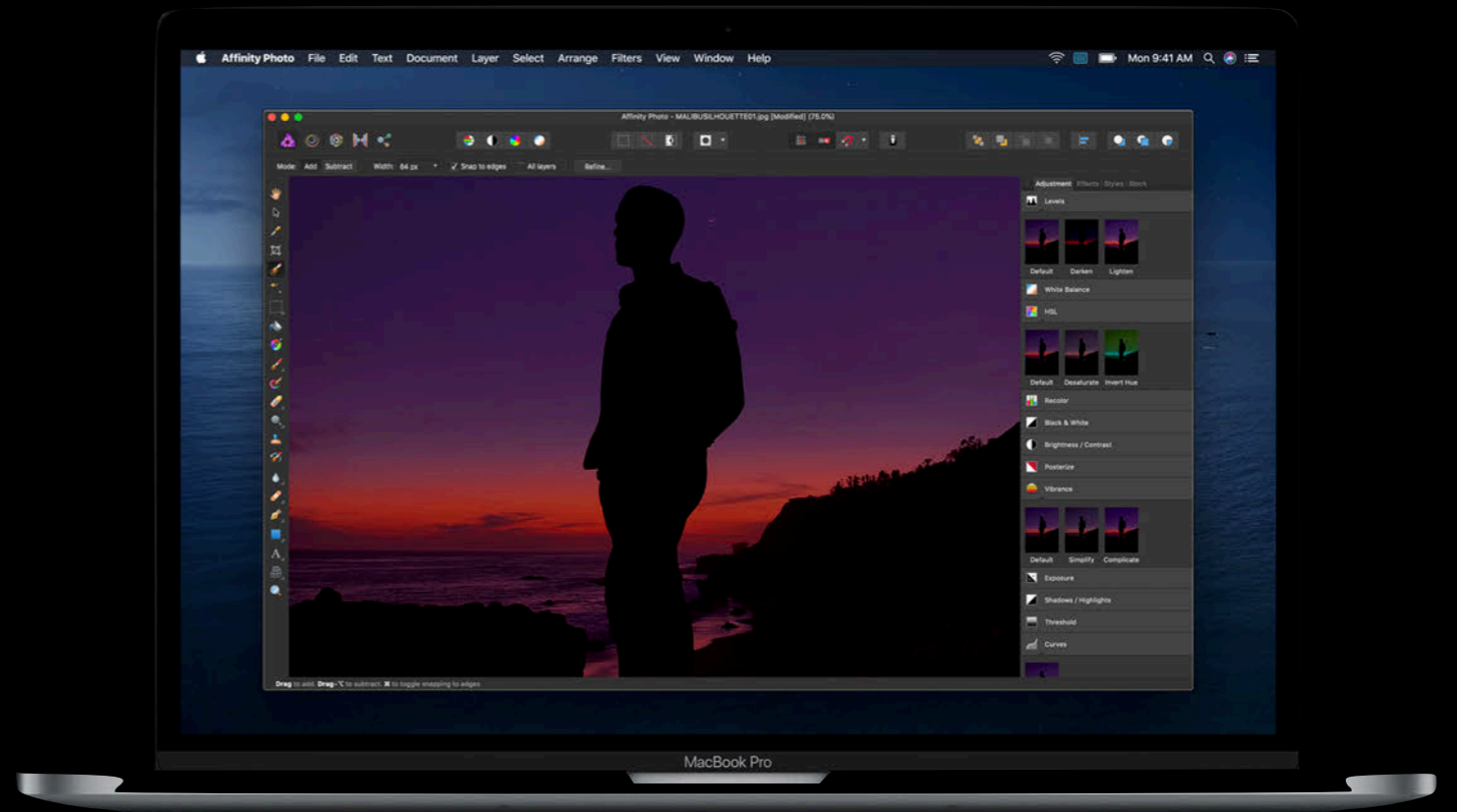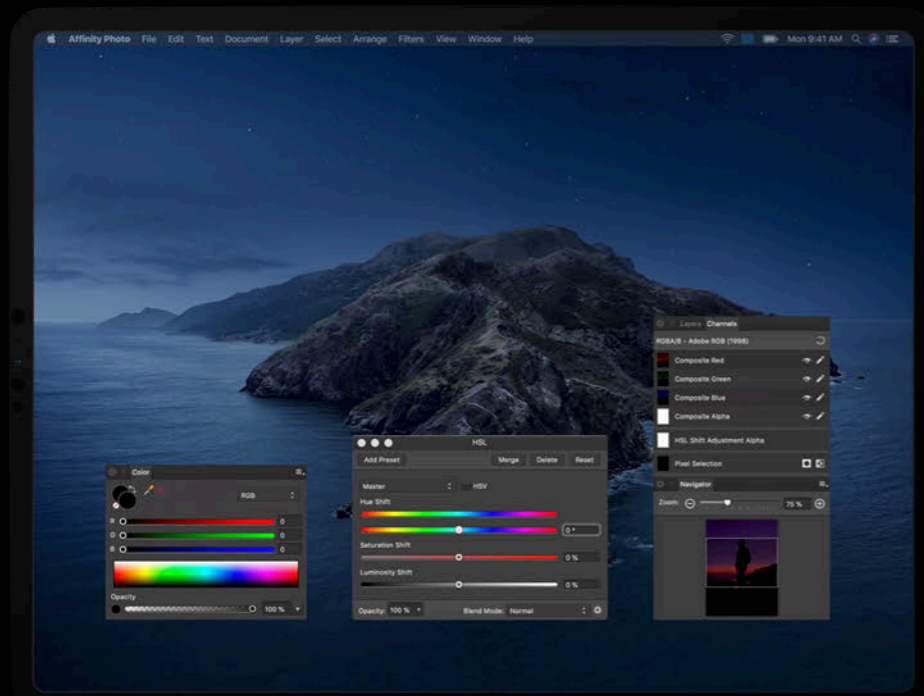
macOS Catalina

For Recent Mac Computers

What Macs Can Run macOS Catalina

- Supports the same Mac models as macOS Mojave

- Macs older than 2012 are not supported

- Catalina Supported Macs:

Laptops	Desktops
MacBook (Early 2015 or later)	Mac mini (Late 2012 or later)
MacBook Air (Mid-2012 or later)	iMac (Late 2012 or later)
MacBook Pro (Mid-2012 or later)	iMac Pro (all models)
	Mac Pro (Late-2013 or later)

Major New macOS Catalina Features

- iTunes is replaced by separate Music, TV and Podcast Apps

- Project Catalyst (updated Project Marzipan) will bring many iPad Apps to Mac

- Major upgrades to Photos, Notes, Reminders, Safari, and Mail Apps

- iPad (with Apple Pencil) can be an extended desktop with new Sidecar feature

- Screen time can manage Mac usage and set limits

- Find My App combines Find My iPhone & Find My Friends Apps and works even for offline devices

- Voice Control can fully control your Mac

- Approve with Apple Watch capability

- Dedicated read-only system volume and enhanced Gatekeeper for improved security

macOS 10.15 Catalina - What's New Video

https://www.youtube.com/watch?v=xg-ZUZJumPY

Sound Good? Should You Update?
Look Before You Leap

Catalina will no longer run ANY 32-Bit Apps

The following are just a small sample of Mac Apps that will no longer run on Catalina:

Microsoft Office for Mac 2011
Apple iWork: Pages, Numbers, and Keynote
Apple Aperture
Apple Final Cut Studio and Logic Studio
Apple QuickTime 7
Adobe Creative Suite 5 (CS5)

The above Apps have all been updated to more recent 64-Bit versions
- but many are only available as paid upgrades

Many other Mac Apps have not yet been updated to 64-Bit versions
- and some of these are no longer supported

How to Find Your 32-Bit Apps

- Choose "About this Mac" in the Apple Menu Item

- Click on "System Report" and Select "Applications"

- Look at 64-Bit Column and click on it to sort by 64-Bit Applications

- "No" indicates 32-Bit Apps that are incompatible with Catalina

- Note the even 64-Bit Apps from "Unknown Developers" may cause issues in Gatekeeper with Catalina

"Obtained from" Values:
"Apple"
"Mac App Store"
"Identified Developer"
"Unknown"

Prepare Before Installing macOS Catalina

- Check for Potential Incompatible Apps
  - All 32-Bit Apps
  - Apps from "Unknown" Developers
  - Utility Apps that may modify the System

- See if compatible updates are available
  - Check Developer's Website
  - Contact Developer

- Get iTunes to organize all of your media into one place if you have it scattered around

- Convert Older QuickTime 7 file types no longer supported

- Create Bootable Backup of you Boot Disk using a tool like Carbon Copy Cloner or SuperDuper!

Upgrading to Catalina with Incompatible Apps

You have several choices if you want to upgrade to Catalina, but still need to use the Incompatible Apps:

- Install the Incompatible Apps on another computer running macOS Mojave or older

- Create a separate partition or use an external drive to install an older macOS version on this partition or drive along with the Incompatible Apps

- Use Parallels Desktop to create a Virtual PC on macOS Catalina and install an older macOS along with the Incompatible Apps on this Virtual PC

  - You can even run many older PowerPC programs on this Virtual PC if you install Snow Leopard on it (the last Mac OS version with Rosetta)

But What Else is Coming

Subscriptions! Subscriptions! Subscriptions!

Subscriptions Everywhere! Clean Up Those Forgotten Monthly Fees
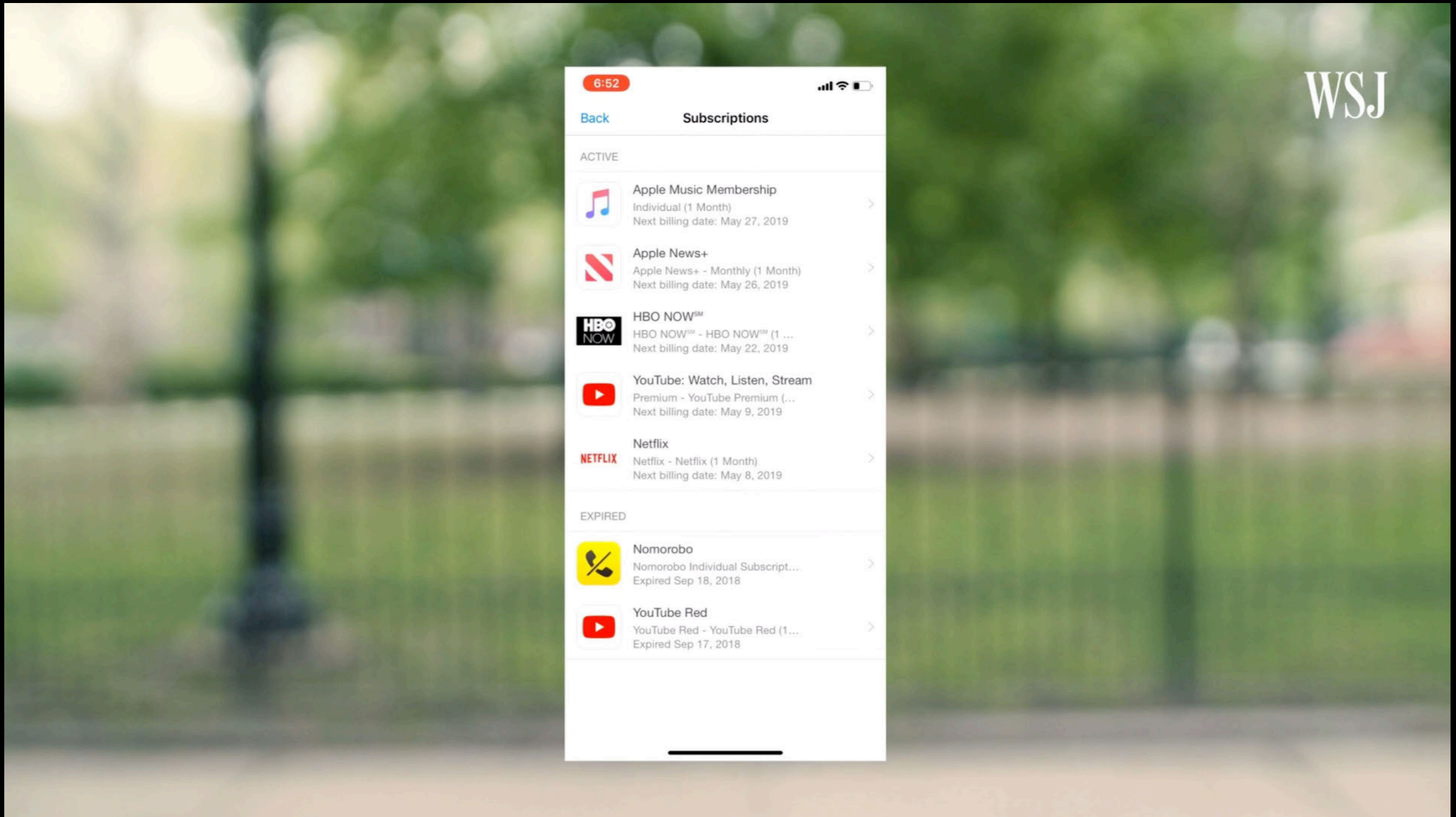
Current Apple Subscriptions

- iCloud Storage Plans:

  ➡ 5GB: free; 50GB: $0.99 monthly; 200GB: $2.99 monthly; 2TB: $9.99 monthly

- iTunes Match:

  ➡ $24.99 yearly

- Apple Music:

  ➡ Individual: $9.99 monthly or $99.00 yearly; Family: $14.99 monthly; College Student: $4.99 monthly

- Apple News+

  ➡ $9.99 monthly

- And many 3rd Party apps in the Apple App Stores

Apple TV Channels Subscriptions

Current Apple TV Channels available on iOS 12.3 and tvOS 12.3 and later

Channel	Monthly Cost	Channel	Monthly Cost
HBO	$14.99	Sundance Now	$6.99
Showtime	$10.99	Lifetime Movie Club	$3.99
Starz	$8.99	Urban Movie Channel	$4.99
Cinemax	$9.99	Tastemade	$2.99
Epix	$5.99	CuriosityStream	$2.99
Smithsonian Channel Plus	$4.99	MTV Hits	$5.99
PBS Living	$2.99	Comedy Central Now	$3.99
Acorn TV	$5.99	Shudder	$5.99

* 7 days free on all channels
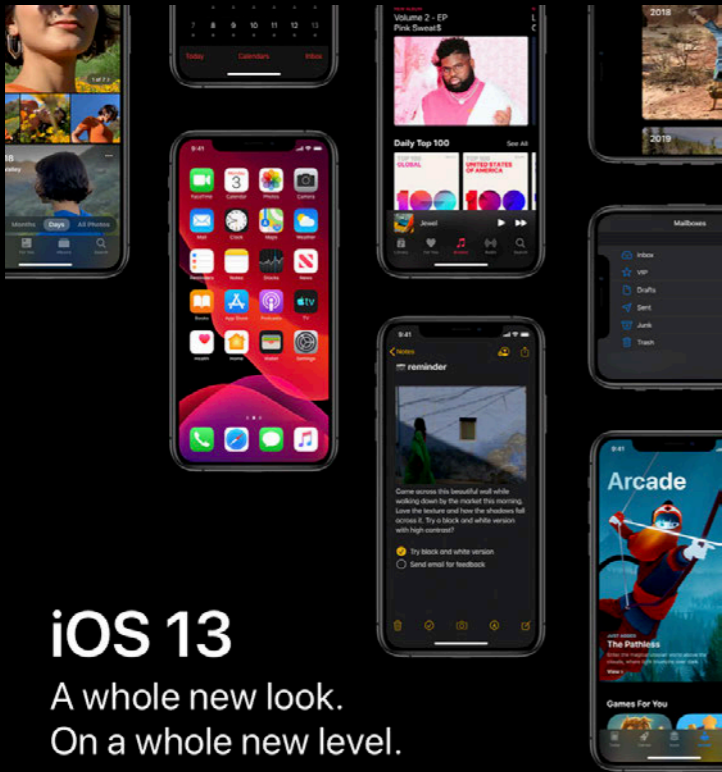
Total of all listed channels is $102.84 monthly

Upcoming Apple Subscriptions

- Apple TV+: a subscription service with Apple original movies

  ➡ Monthly cost not announced

- Apple Arcade: unlimited access to over 100 new and exclusive games

  ➡ Monthly cost not announced

- More Apple TV Channels

- And even more 3rd Party apps in the Apple App Stores

Resources for Latest Apple News, Rumors, and Videos

- https://www.macrumors.com

- https://appleinsider.com

- https://9to5mac.com

- https://www.macobserver.com

- https://www.macworld.com

Coming This Fall

iOS 13
A whole new look.
On a whole new level.

iPadOS
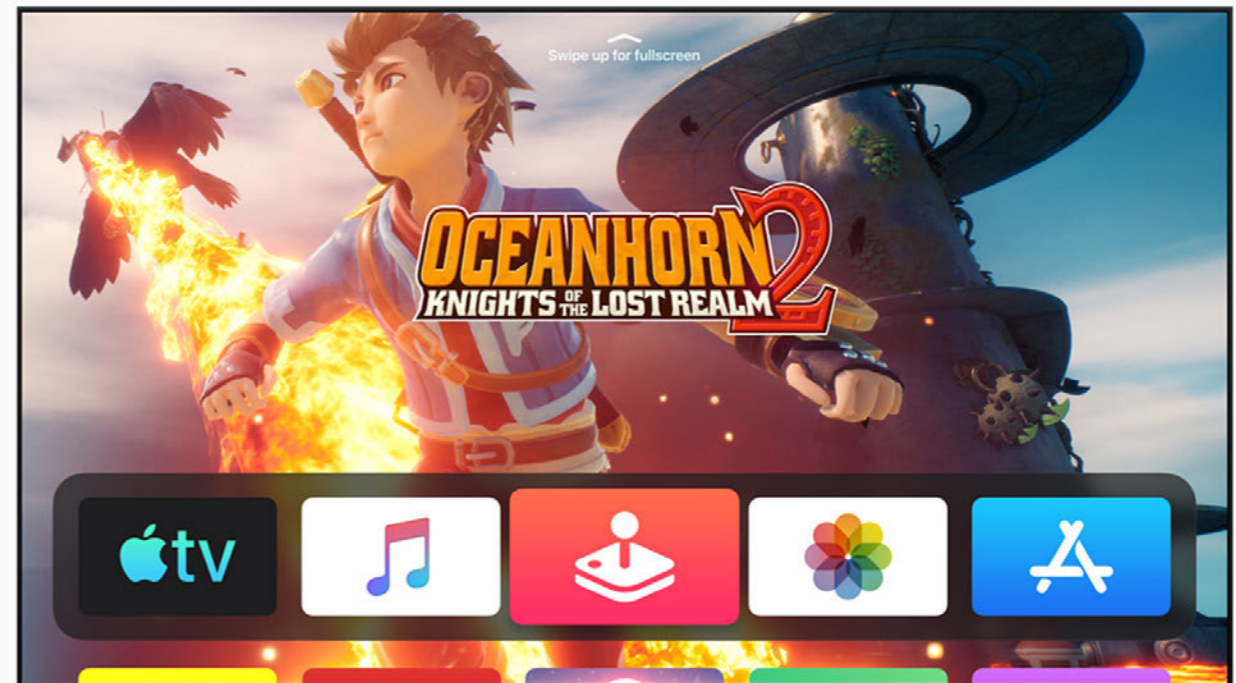What's in a name?
Quite a bit, actually.

watchOS 6
More insightful. More delightful.

macOS Catalina
The power of Mac. Taken further.

tv+

Introducing Apple TV+, a new streaming service where the most creative minds in TV and film tell the kinds of stories only they can. Featuring original shows and movies across every genre, Apple TV+ is coming this fall. Exclusively on the Apple TV app.

Arcade

Games that redefine games.

Coming This Fall