

Digital
House >
Coding School

Video

HTML `<video>`

```
<video controls autoplay>
```

```
<source src="URL/archivo.mp4" type="video/mp4">
```

```
<source src="URL/archivo.ogg" type="video/ogg">
```

```
<source src="URL/archivo.webm" type="video/webm">
```

Texto para navegadores que no soportan `<video>`

```
</video>
```

Compatibilidad de formatos

Browser	MP4	WebM	Ogg
Internet Explorer	SI	NO	NO
Chrome	SI	SI	SI
Firefox	SI	SI	SI
Safari	SI	NO	NO

Audio

HTML `<audio>`

```
<audio controls autoplay>
```

```
<source src="URL/archivo.mp3" type="audio/mp3">
```

```
<source src="URL/archivo.ogg" type="audio/ogg">
```

```
<source src="URL/archivo.wav" type="audio/wav">
```

Texto para navegadores que no soportan `<audio>`

```
</audio>
```

Compatibilidad de formatos

Browser	MP3	Wav	Ogg
Internet Explorer	SI	NO	NO
Chrome	SI	SI	SI
Firefox	Si	SI	SI
Safari	Si	SI	NO

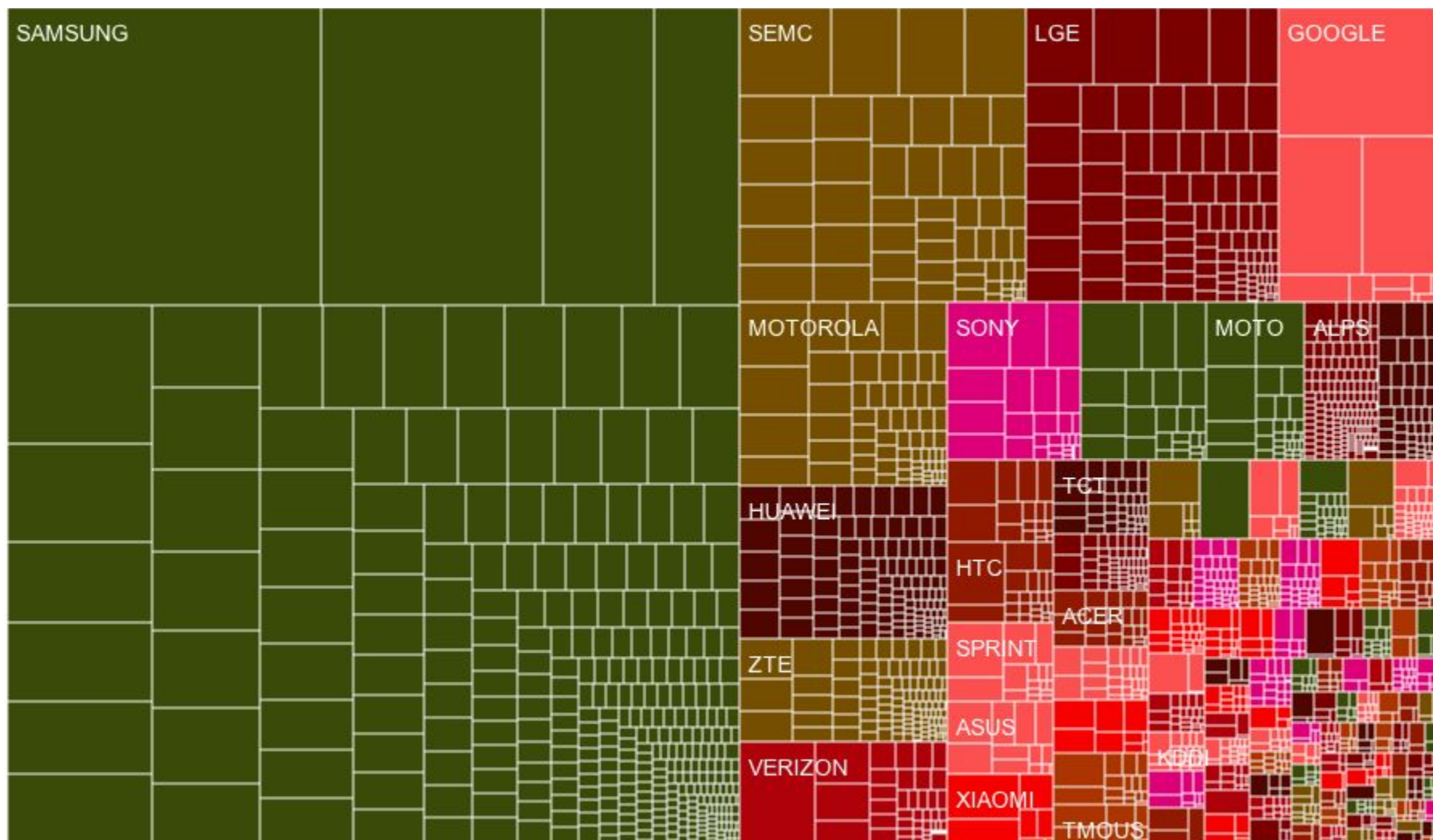
Responsive



Fragmentación Extrema

Problema 1

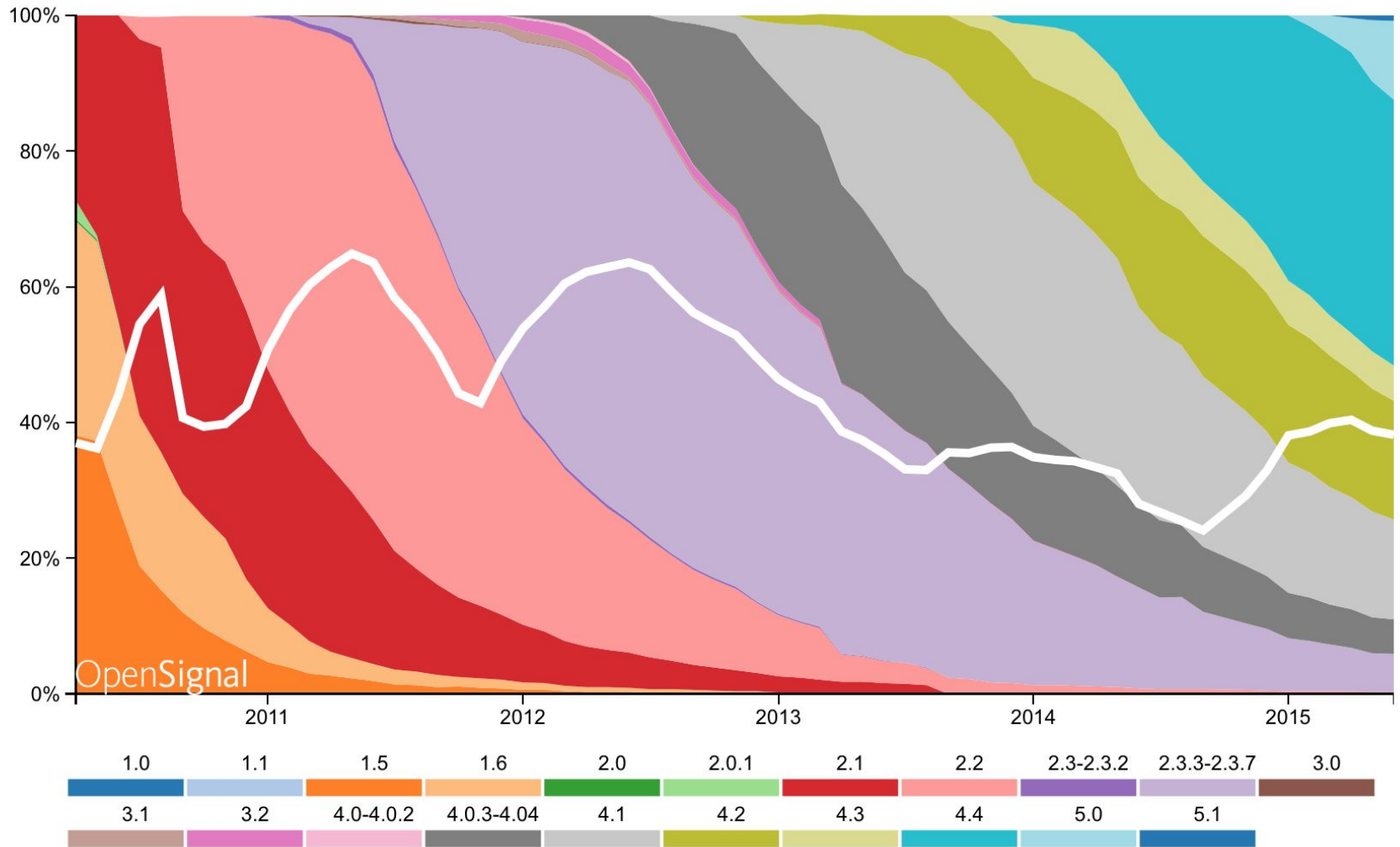
Muchos fabricantes



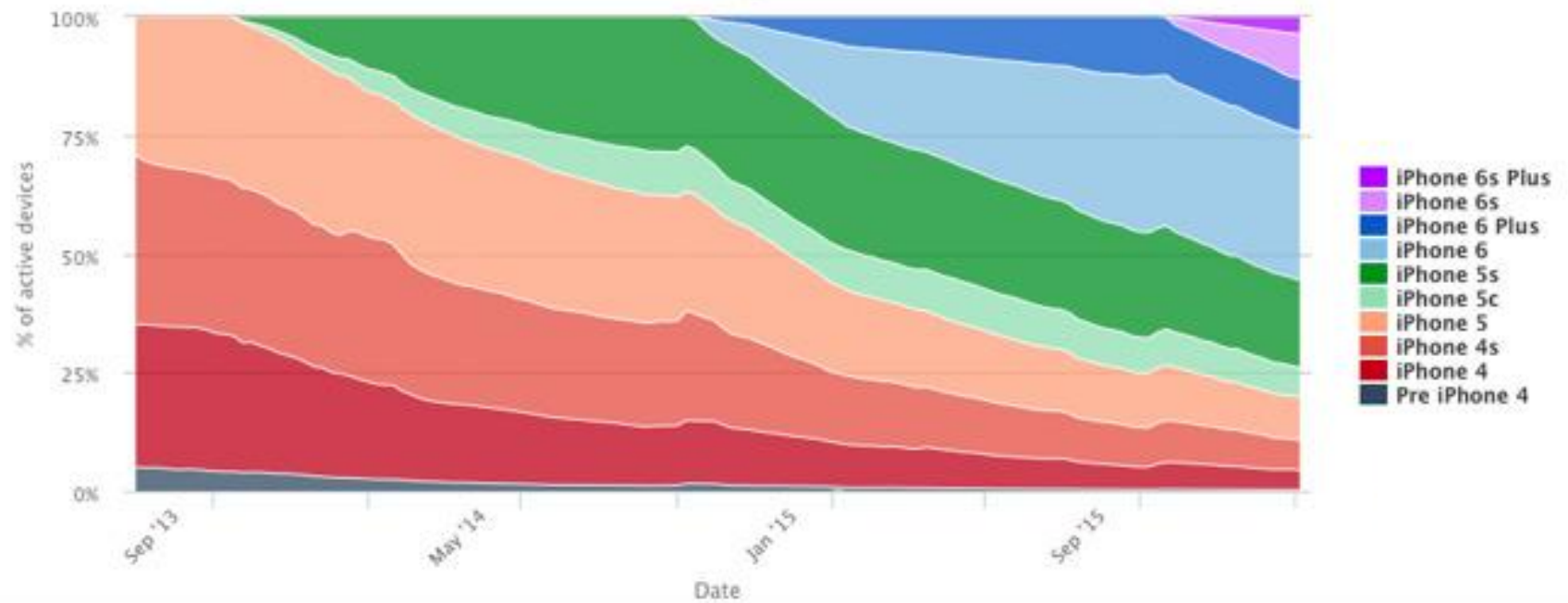
Problema 2

Muchos OS

Android

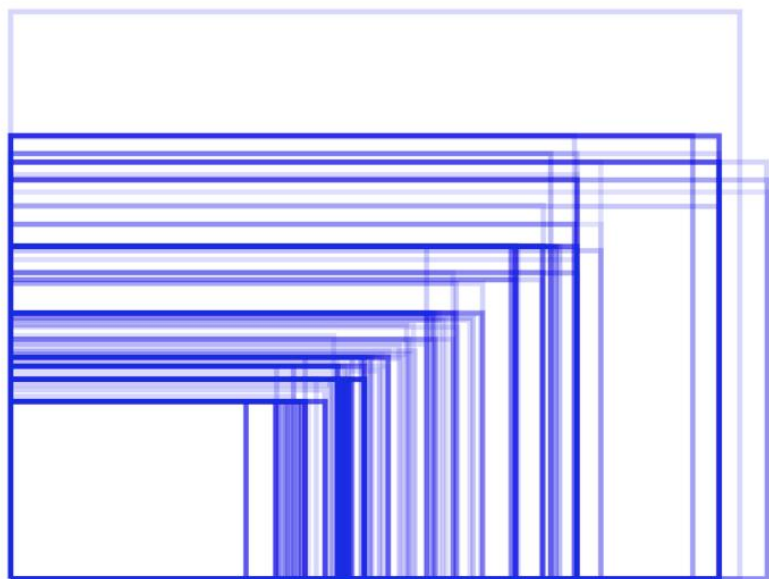


iOS



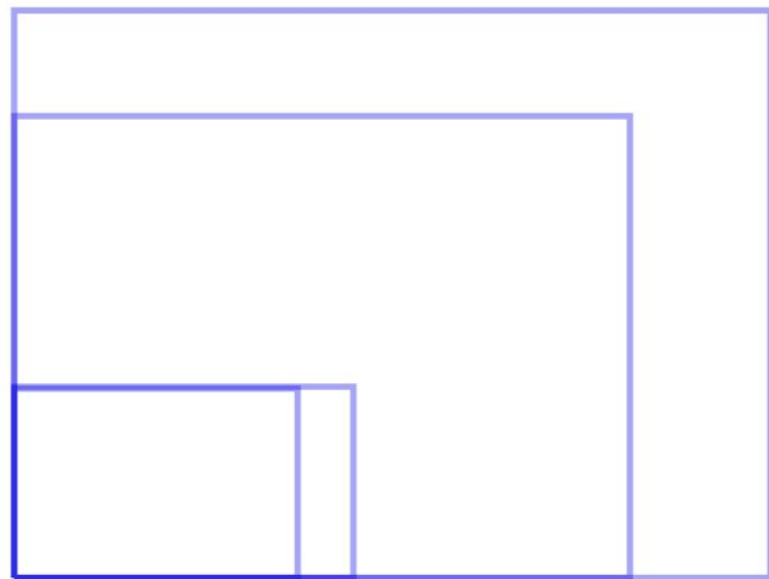
Problema 3

Infinitas pantallas



Android

versus



iOS

Soluciones.



Dev Tools

Like

Comment

Share

 **Olympic**
6 mins · 🌐

Women's individual all-around final in gymnastics is today. Gabby Douglas captured gold at London 2012. Who are you rooting for this time?



   1k

23 comments 44 shares 

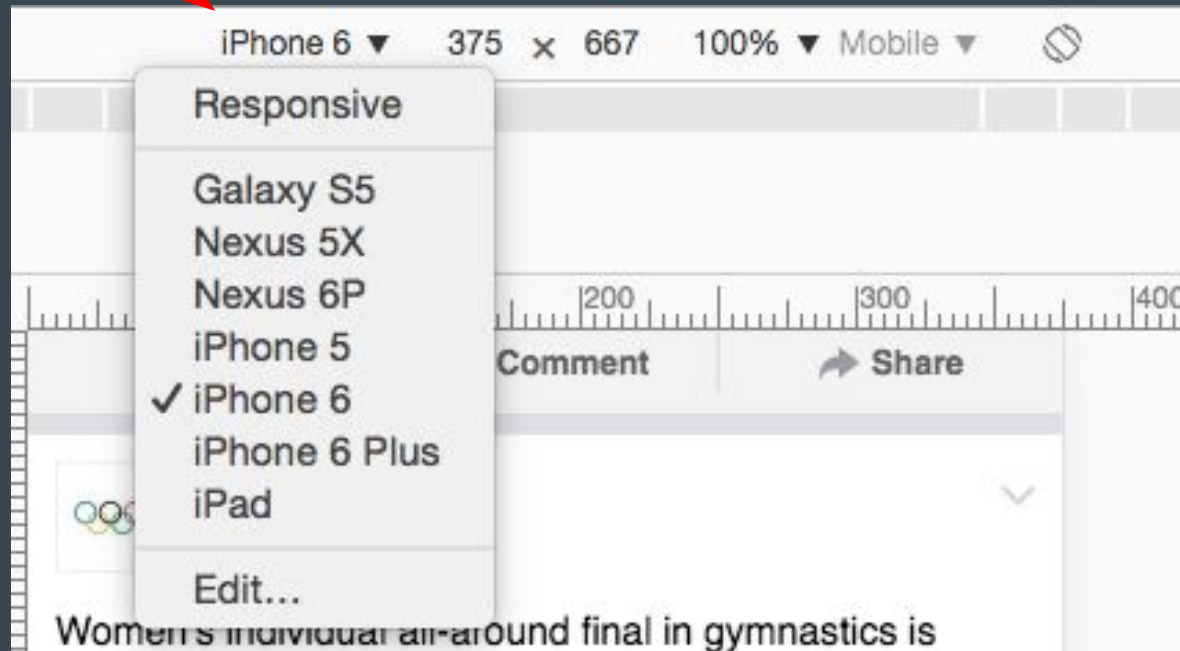
Like

Comment

Share

  Elements Console Sources Network Timeline Profiles Application » ⋮ ✕

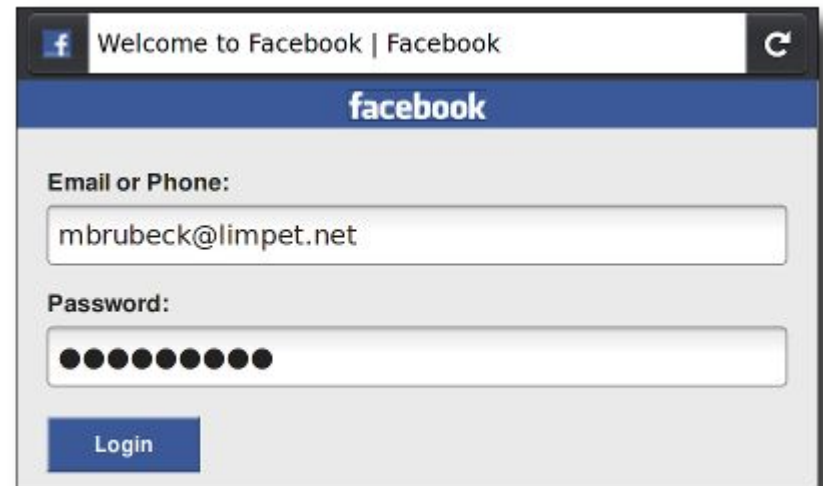
```
<!DOCTYPE html>  
<html data-autoid="autoid_1"> == $0  
▶ <head>...</head>
```



viewport

viewport

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```



@media

CSS @media

```
body {  
    background-color: red;  
}
```

```
@media only screen and (max-width: 768px) {  
    body {  
        background-color: blue;  
    }  
}
```

CSS @media operaciones lógicas combinables

```
body {  
    background-color: red;  
}
```

```
@media (max-width: 768px) and (orientation: portrait) {  
    body {  
        background-color: green;  
    }  
}
```


CSS @media media_query

```
@media all ...
```

```
@media only screen ...
```

```
@media not braille ...
```

```
all | braille | handheld | print | projection | screen | tv
```

CSS @media media_feature

```
@media (max-width: 600px) { ...
```

```
@media (min-width: 700px) { ...
```

```
@media (min-width: 700px) and (max-width: 600px) { ...
```

```
@media screen and (min-width: 700px) and (max-width: 600px) {
```

CSS @media orientation: landscape | portrait

```
body {  
    background-color: red;  
}
```

```
@media only screen and (orientation: landscape) {  
    body {  
        background-color: green;  
    }  
}
```

Mobile First

Pensar en cómo se "agrandan" las cosas, y no como se "achican"

CSS mobile first

```
// Estilos para desktop
body {
    background-color: red;
    ...
}

// y luego pensar cada se adapta en cada viewport

@media only screen and (max-width: 768px) {
    ... // tablets
}

@media only screen and (max-width: 420px) {
    ... // mobile
}
```

CSS mobile first

```
// Estilos para mobile
```

```
body {  
    background-color: red;  
    ...  
}
```

```
// y luego pensar cada se adapta en cada viewport
```

```
@media only screen and (min-width: 600px) {
```

```
    ... // tablets
```

```
}
```

```
@media only screen and (min-width: 768px) {
```

```
    ... // desktop
```

```
}
```

usarlos y combinarlos

sin miedo, pero ojo...

lanacion.com (12)

screen and (min-width: 760px)

screen and (min-width: 760px) and (max-width: 999px)

screen and (min-width: 641px) and (max-width: 999px)

screen and (min-width: 641px) and (max-width: 1000px)

screen and (min-width: 1000px)

screen and (min-width: 100px) and (max-width: 759px)

screen and (min-width: 641px) and (max-width: 759px)

screen and (min-width: 100px) and (max-width: 640px)

screen and (min-width: 100px) and (max-width: 999px)

screen and (min-width: 1000px) and (max-width: 1259px)

screen and (min-width: 641px) and (max-width: 732px)

only screen and (-webkit-min-device-pixel-ratio: 1.5) and (max-width: 640px), only screen and (-o-min-device-pixel-ratio: 3/2) and (max-width: 640px), only screen and (min--moz-device-pixel-ratio: 1.5) and (max-width: 640px), only screen and (min-device-pixel-ratio: 1.5) and (max-width: 640px)

wikipedia.org (16)

only screen and (max-width:480px)

screen and (max-width:320px)

all and (max-width:240px)

(min--moz-device-pixel-ratio:2),(-webkit-min-device-pixel-ratio:2),(min-resolution:2dppx),(min-resolution:192dpi)

(max-width:625px)

(-webkit-min-device-pixel-ratio:2),(min-resolution:192dpi)

screen and (max-width:768px)

print

(-webkit-min-device-pixel-ratio:1.5),(min--moz-device-pixel-ratio:1.5),(min-resolution:1.5dppx),(min-resolution:144dpi)

all and (max-width:720px)

(max-width:480px)

screen and (max-width:480px)

all and (max-width:480px)

(-webkit-min-device-pixel-ratio:2),(min--moz-device-pixel-ratio:2),(min-resolution:2dppx),(min-resolution:192dpi)

(max-width:1024px)

(-webkit-min-device-pixel-ratio:1.5),(min-resolution:144dpi)

newyorktimes.com (8)

screen and (max-width: 1090px)

screen and (max-width: 500px)

only screen and (-webkit-min-device-pixel-ratio: 1.5), only screen and (min-moz-device-pixel-ratio: 1.5), only screen and (min-device-pixel-ratio: 1.5)

screen and (max-width: 820px)

screen and (max-width: 420px)

only screen and (max-width: 320px),
only screen and (max-width: 360px)

screen and (max-width: 600px)

print, (-webkit-min-device-pixel-ratio: 1.25), (-o-min-device-pixel-ratio: 5 / 4), (min-device-pixel-ratio: 1.25), (min-resolution: 120dpi)

¿estándares?

mmm

No mobile first.

```
/* Large Devices, Wide Screens */
```

```
@media only screen and (max-width : 1200px) { ...
```

```
/* Medium Devices, Desktops */
```

```
@media only screen and (max-width : 992px) { ...
```

```
/* Small Devices, Tablets */
```

```
@media only screen and (max-width : 768px) { ...
```

```
/* Extra Small Devices, Phones */
```

```
@media only screen and (max-width : 480px) { ...
```

Mobile first.

```
/* Extra Small Devices, Phones */
```

```
@media only screen and (min-width : 480px) { ...
```

```
/* Small Devices, Tablets */
```

```
@media only screen and (min-width : 768px) { ...
```

```
/* Medium Devices, Desktops */
```

```
@media only screen and (min-width : 992px) { ...
```

```
/* Large Devices, Wide Screens */
```

```
@media only screen and (min-width : 1200px) { ...
```

Práctica