

MEDIA QUERIES

MEDIA QUERIES

Media Queries is a CSS3 module allowing content rendering to adapt to conditions such as screen resolution (*e.g. smartphone screen vs. computer screen*)

SOURCE

https://en.wikipedia.org/wiki/Media_queries

MEDIA QUERIES

The query contains two components:

1

a media type (*screen*), and

2

the actual query enclosed within parentheses, containing a particular media feature (*max-device-width*) to inspect, followed by the target value (*480px*).

SOURCE

<https://alistapart.com/article/responsive-web-design>

MEDIA QUERIES

Query inside a <link>

```
<link rel="stylesheet" type="text/css"
      media="screen and (max-width: 480px)"
      href="shetland.css" />
```

Query inside a .css file

```
@media screen and (max-width: 480px) {
  .column {
    background-color: yellow;
  }
}
```

SOURCE

<https://alistapart.com/article/responsive-web-design>

MEDIA QUERIES

We're asking the browser if its horizontal larger (*max-width*) is equal to or less than *480px*. If the test passes—in other words, if we're viewing our work on a small-screen like the iPhone—then the browser will load *shetland.css*.

Otherwise, the link is ignored altogether.

SOURCE

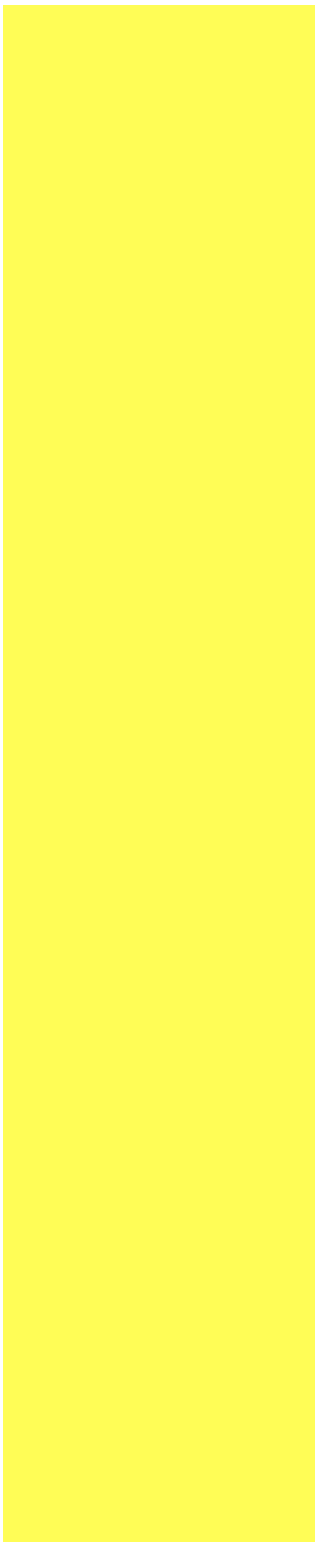
<https://alistapart.com/article/responsive-web-design>

MEDIA QUERIES

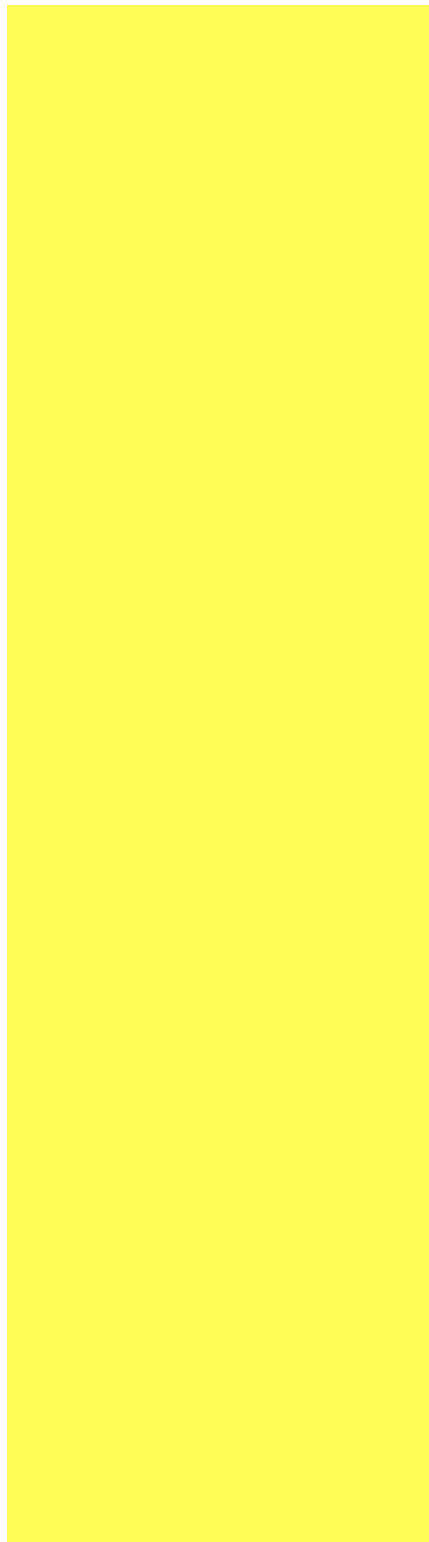
```
@media screen and (max-width: 480px) {  
  body {  
    background-color: yellow;  
  }  
}
```

MEDIA QUERIES

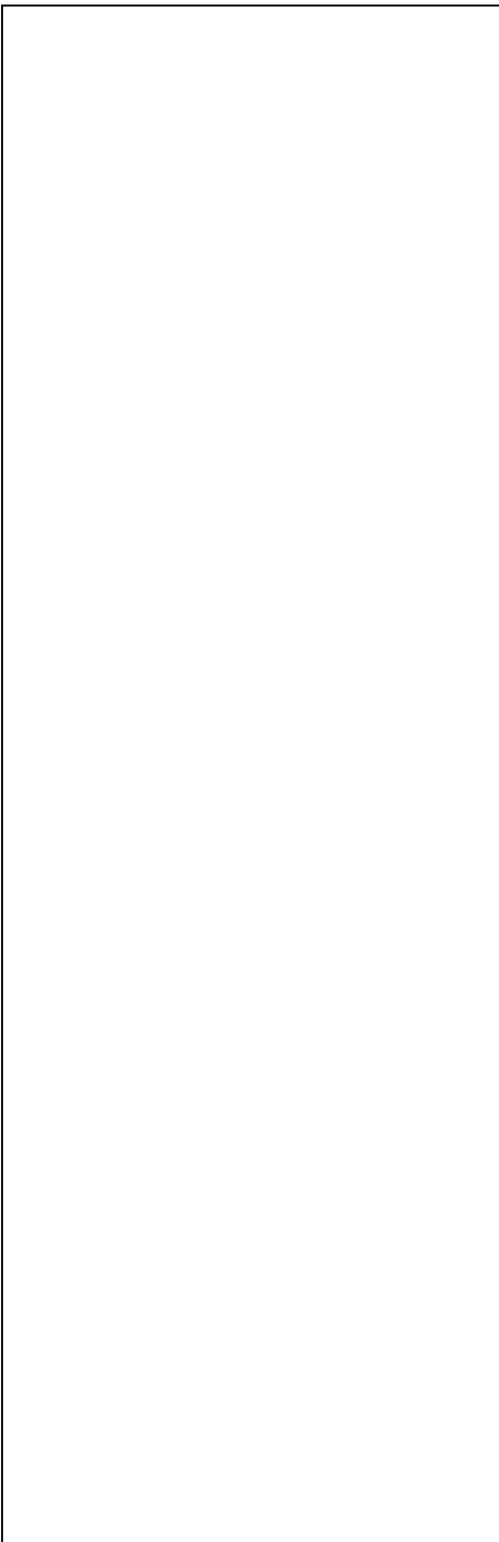
WIDTH
320px



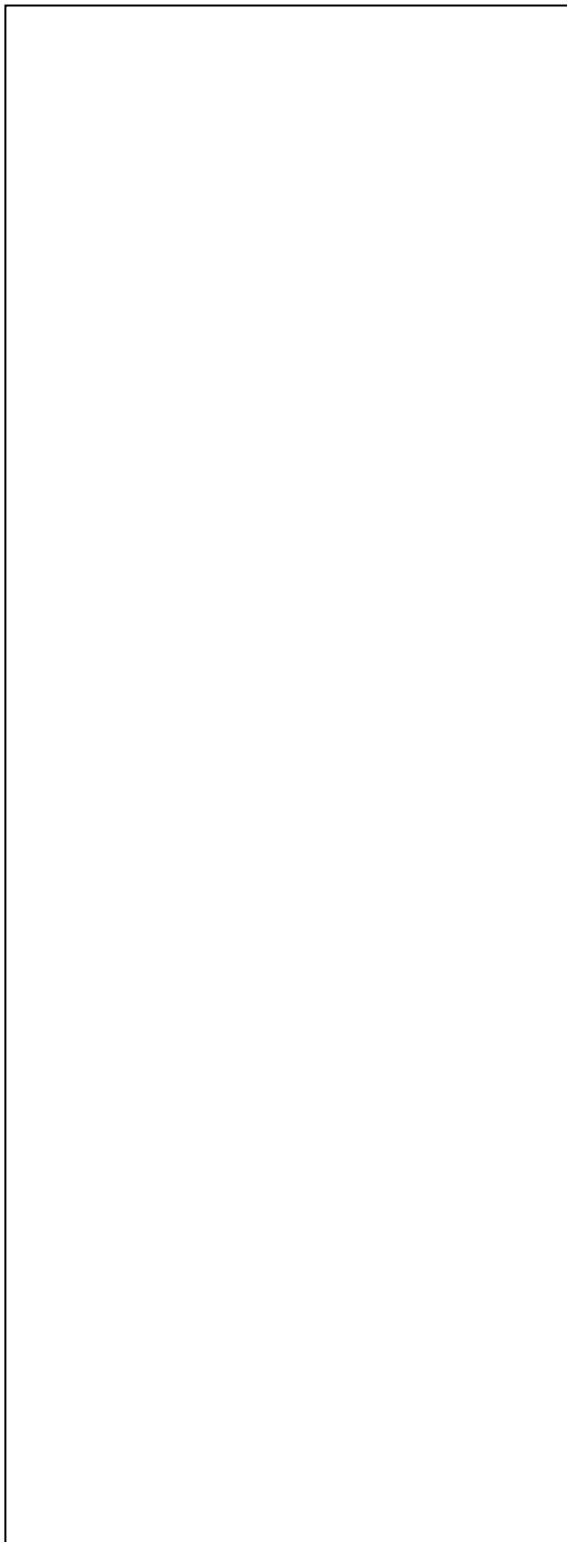
WIDTH
480px



WIDTH
550px



WIDTH
900px



WIDTH
950px



MEDIA QUERIES

```
@media screen and (max-width: 480px) {  
  body {  
    background-color: yellow;  
  }  
}
```

```
@media screen and (min-width: 481px) {  
  body {  
    background-color: green;  
  }  
}
```


MEDIA QUERIES

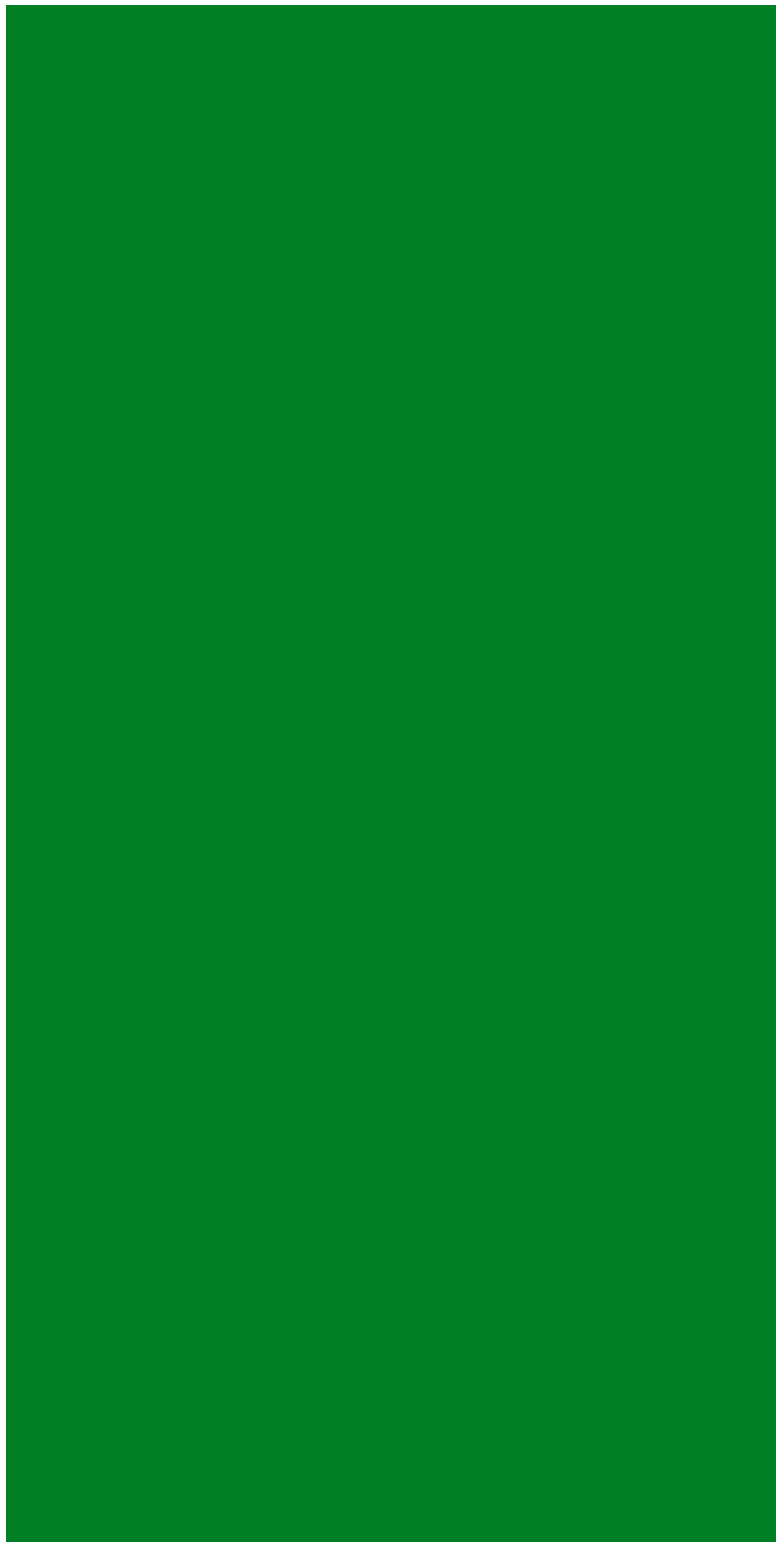
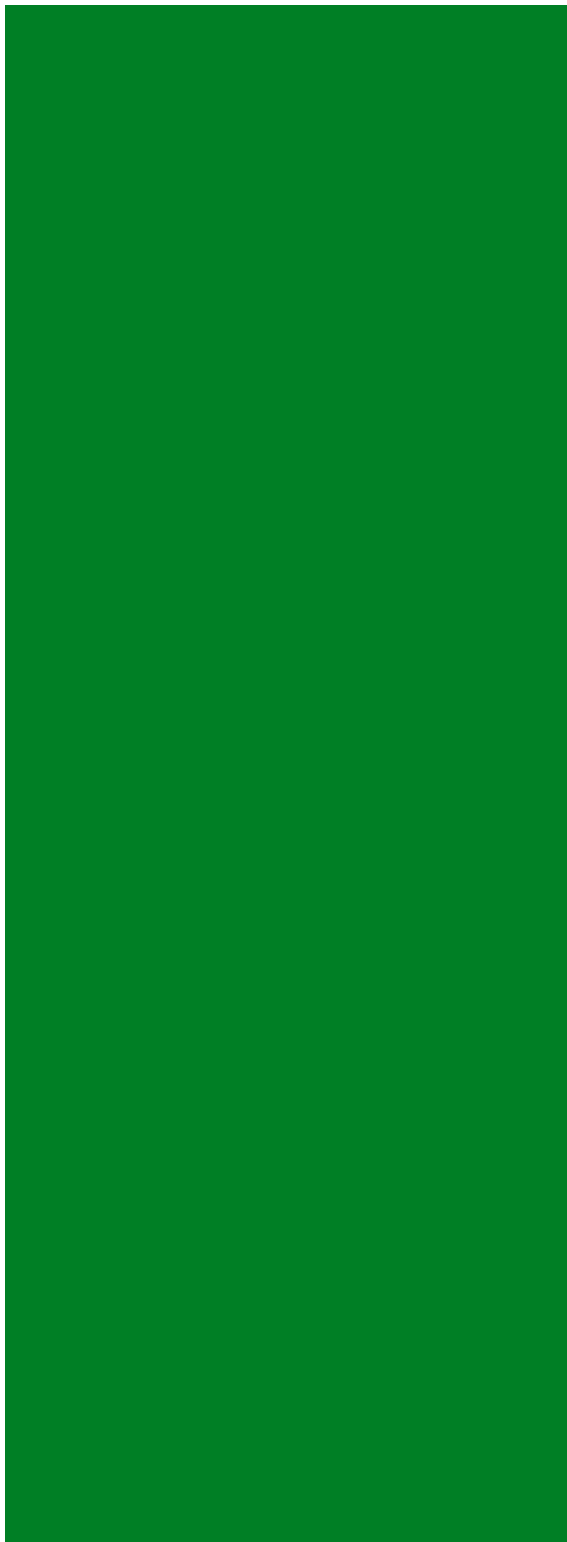
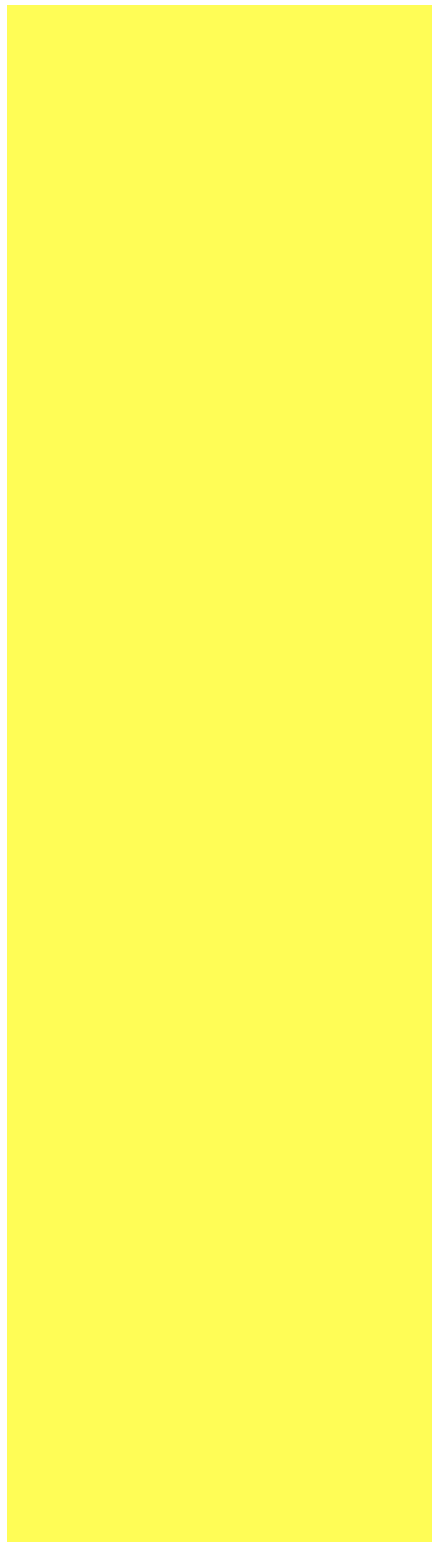
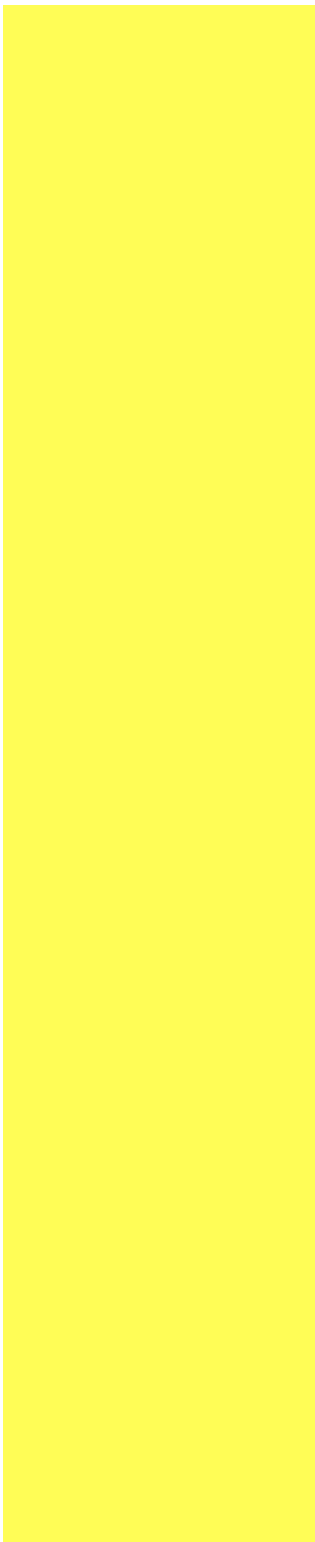
WIDTH
320px

WIDTH
480px

WIDTH
550px

WIDTH
900px

WIDTH
950px



MEDIA QUERIES

```
@media screen and (max-width: 480px) {  
  body {  
    background-color: yellow;  
  }  
}
```

```
@media screen and (min-width: 481px) and (max-width: 899px) {  
  body {  
    background-color: green;  
  }  
}
```

```
@media screen and (min-width: 900px) {  
  body {  
    background-color: red;  
  }  
}
```

MEDIA QUERIES

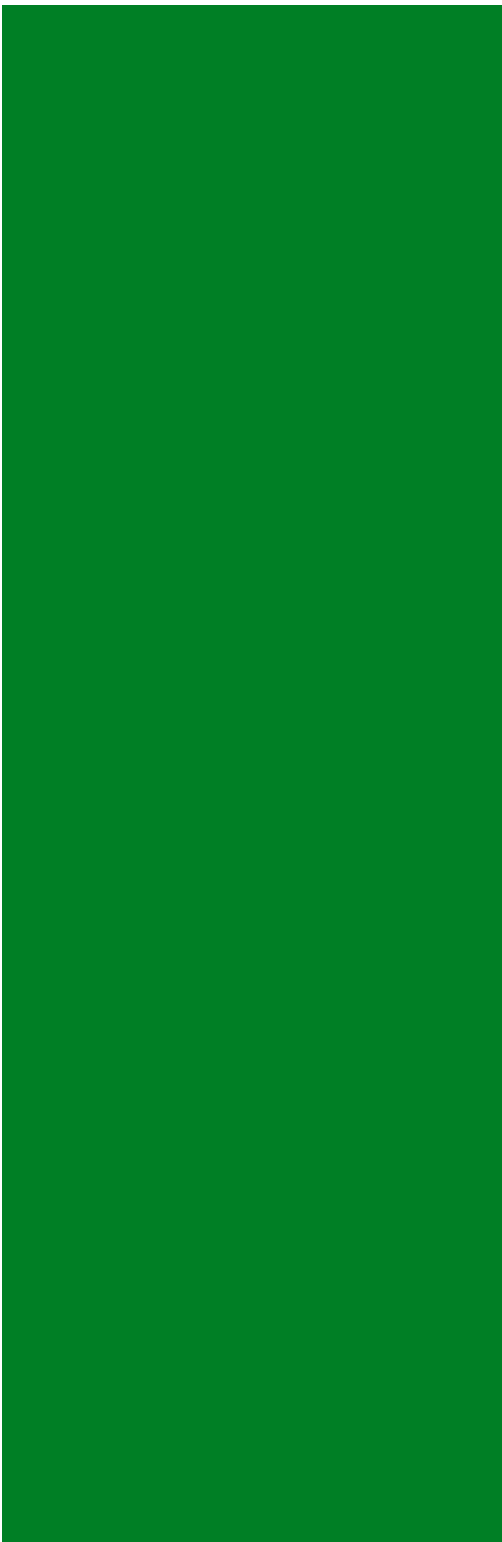
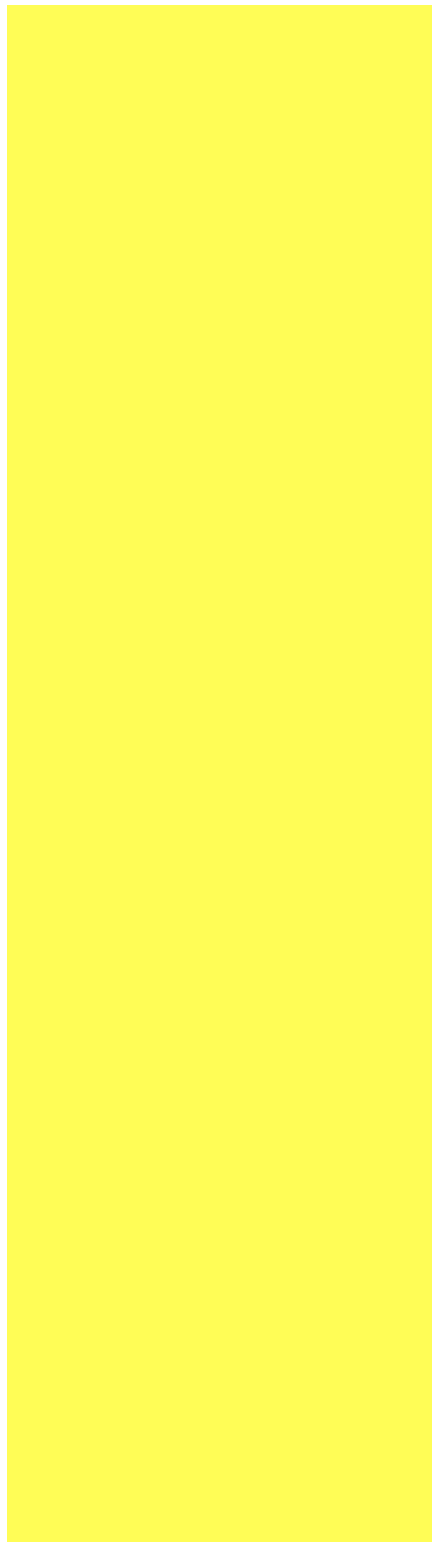
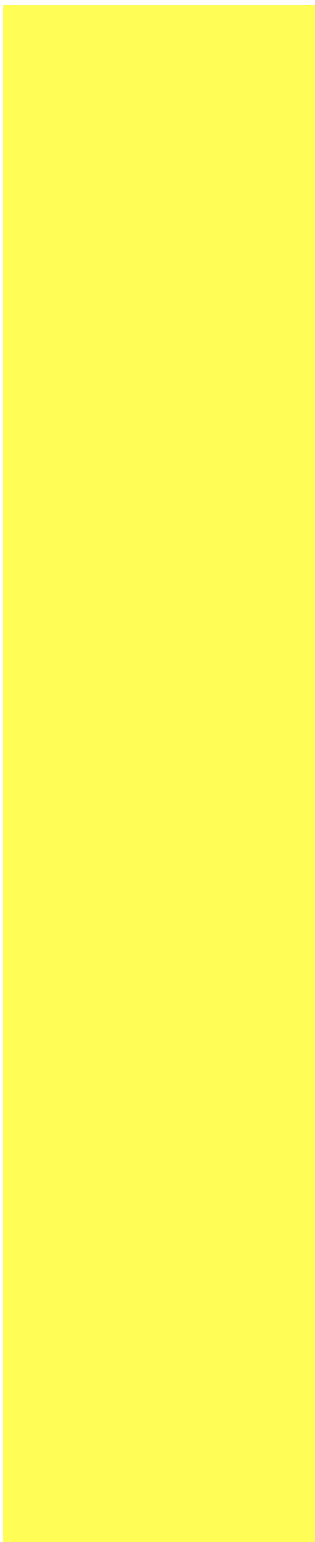
WIDTH
320px

WIDTH
480px

WIDTH
550px

WIDTH
900px

WIDTH
950px



MEDIA QUERIES

A media query is, in short, a conditional statement, involving media features, which resolves to either true or false.

The result of the query is true if the media type specified matches the type of device the document is being displayed on and if all expressions in the media query are true. When a media query is true, the corresponding style sheet or style rules are applied, following the normal cascading rules.

SOURCE

https://en.wikipedia.org/wiki/Media_queries