RESPONSIVE WEB DESIGN

Desktop

Tablet

Phone

Responsive web design makes your web page look good on all devices.
RWD is not a separate technology.

LAYOUT
FLEXIBLE & MODERN

Flexible Grids + Media Queries

(‘px’ to ‘%’ or ‘em’, ‘float’)

Flexbox, Grid, Multiple-column

VIEWPORT

```
<!DOCTYPE html>
<html lang="en">
  <head>
    …
    <meta name="viewport" content="width=device-width, initial-scale=1">
    …
  </head>
    …
```

The viewport is the user's visible area of a web page.

VIEWPORT UNIT

`vw, vh, vmin, vmax`

Viewport width / height / minimum / maximum

RESPONSIVE IMAGES

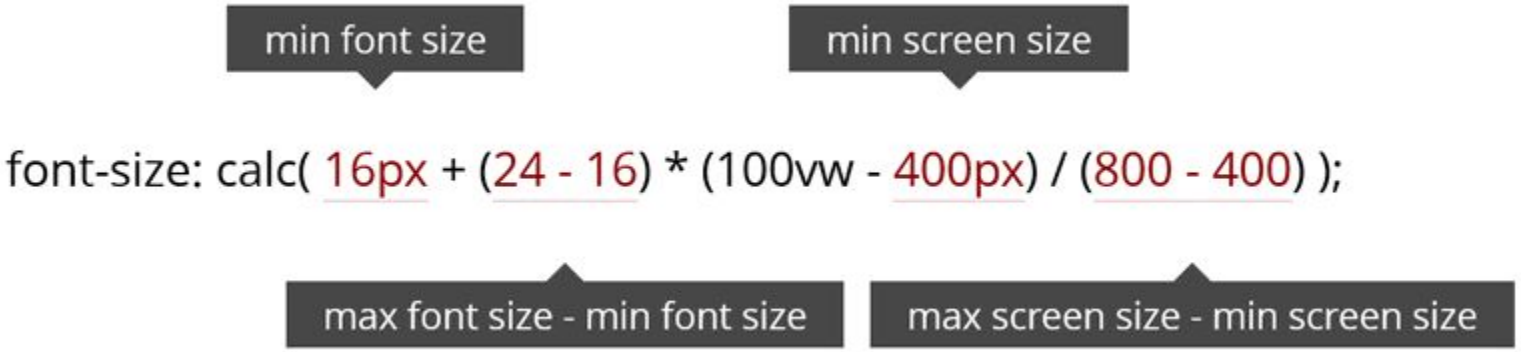
```
<!DOCTYPE html>
<html lang=“en”>
  <head>…</head>
  <style>
    img {
      width: 100%;
      height: auto;
    }
  </style>
  …
```

If the width property is set to a percentage and the height is set to "auto", the image will be responsive and scale up and down.

RESPONSIVE TYPOGRAPHY

```
html {
  font-size: 1em;
}
h1 {
  font-size: 2rem; /* font-size: 6vw; */
  /* font-size: calc(1.5rem + 3vw);  */
}
@media (min-width: 1200px) {
  h1 {
    font-size: 4rem;
  }
}
```

Text is always related to the size of the viewport.
There you should never set text using viewport units alone and it involves using calc().



Responsive & Fluid Typography with vh & vw units