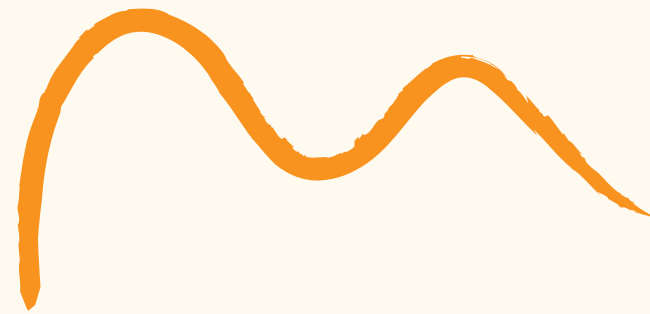# Responsive Web Design

Ivonne Jacome

# What is Responsive Web Design?

- Responsive web design is all about using HTML and CSS to automatically resize, hide, shrink or expand a website to make it look good on all devices:
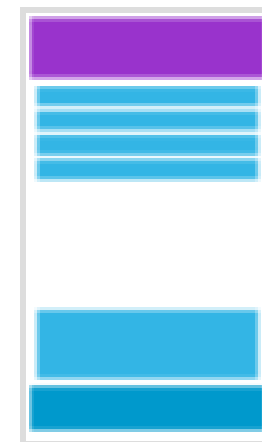    - desktops
    - tablets
    - phones



**Desktop**

**Tablet**

**Phone**

# SETTING THE VIEWPORT

To create a responsive website, add the following <meta> tag to all your web pages:

## EXAMPLE:

```html
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```
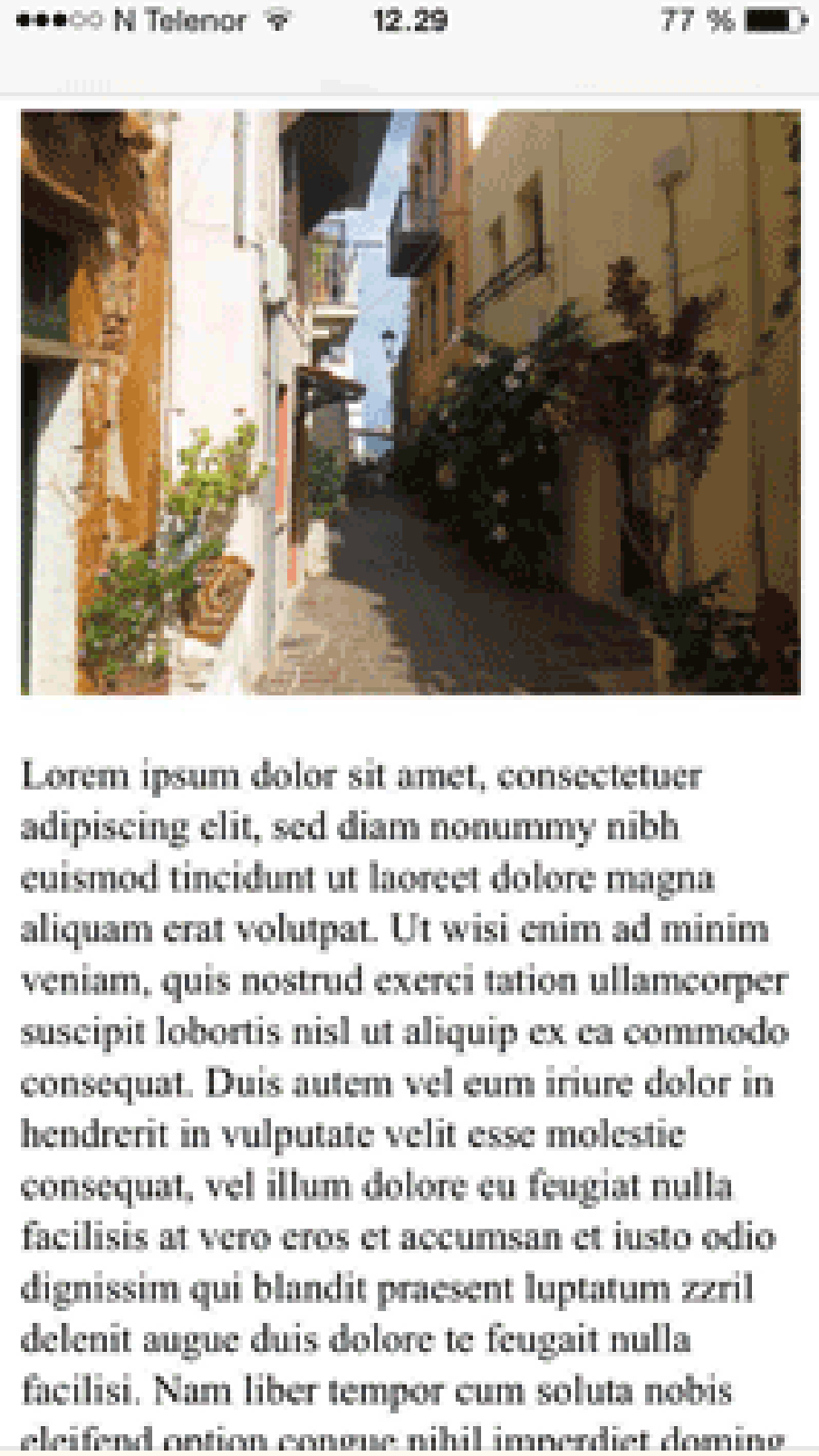
This will set the viewport of your page, which will give the browser instructions on how to control the page's dimensions and scaling.

# EXAMPLE:

## Without the viewport meta tag:



## With the viewport meta tag:

# RESPONSIVE IMAGES

Responsive images are images that scale nicely to fit any browser size.

# USING THE MAX-WIDTH PROPERTY

If the max-width property is set to 100%, the image will scale down if it has to, but never scale up to be larger than its original size:

**Sintaxis:**

```
<img src="img_girl.jpg" style="max-width:100%;height:auto;">
```