

Converting Colors

RGB(253, 177, 108)

Have a look what the booklet for
RGB(253, 177, 108) contains.

RGB(253, 177, 108)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(253, 177, 108)

Conversions

Conversions Part 1

Format	Color
Hex	FDB16C
RGB	253, 177, 108
RGB Percent	99%, 69%, 42%
CMY	0.0078, 0.3059, 0.5765
CMYK	0.00, 0.30, 0.57, 0.01
HSL	29°, 97%, 71%
HSV	29°, 57%, 99%
XYZ	58.9369, 53.4096, 21.3901
YIQ	191.8580, 67.4450, -5.3470

Conversions

Conversions Part 2

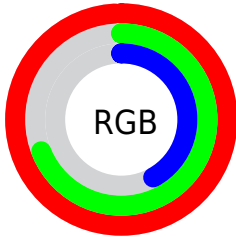
Format	Color
R _Y B	253, 240, 108
Decimal	16626028
CIE Lab	78.12, 20.70, 46.00
CIE LCh	78, 50.446, 65.778
Yxy	53.4096, 0.4407, 0.3994
Android (android.graphics.Color)	4294816108 (0xFFFD B16C)
YUV	191.8580, -41.3420, 53.6215
Hunter-Lab	73.0819, 16.0581, 33.8039

Details

The RGB color **253, 177, 108** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **108, 184, 253**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 233, 161**, and **193, 124, 58** is the 20% darker color. If you saturate the color by 10%, you get **253, 164, 83**, and if you desaturate by 10%, it is **253, 190, 133**.

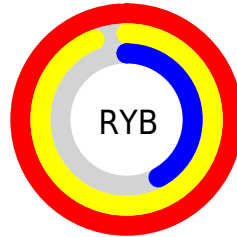
Distribution



Red (99%)

Green (69%)

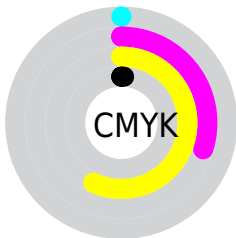
Blue (42%)



Red (99%)

Yellow (94%)

Blue (42%)

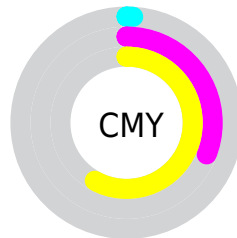


Cyan (0%)

Magenta (30%)

Yellow (57%)

Black (1%)



Cyan (1%)
















Magenta (31%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 253, 177, 108 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 253, 177, 108 by changing the saturation by 10% instead.

 253, 177, 108	 253, 177, 108
255, 255, 255	 223, 150, 83
 255, 233, 161	 193, 124, 58
 255, 255, 188	 163, 99, 33
 255, 255, 216	 134, 75, 5
 255, 255, 245	 106, 52, 0
	 79, 30, 0
	 52, 9, 0
	 25, 0, 1
	 0, 0, 0

■ 253, 177, 108

■ 253, 177, 108

■ 253, 164, 83

■ 253, 190, 133

■ 253, 150, 57

■ 253, 204, 159

■ 253, 137, 32

■ 253, 217, 184

■ 253, 124, 7

■ 253, 230, 209

■ 253, 120, 0

■ 253, 243, 235

253, 255, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 161, 141



253, 177, 108



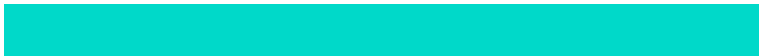
213, 193, 97

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



253, 177, 108



0, 217, 201



209, 177, 255

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



253, 177, 108



108, 184, 253

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



133, 195, 255



253, 177, 108



0, 216, 247

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



253, 177, 108



102, 214, 153



0, 208, 255



255, 161, 233

Rectangle

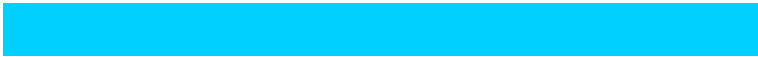
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



253, 177, 108



181, 203, 106



0, 208, 255



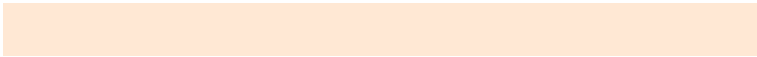
187, 183, 255

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



253, 177, 108



255, 232, 212



253, 108, 185



128, 114, 102



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



253, 177, 108



255, 163, 79



253, 248, 108



128, 121, 115



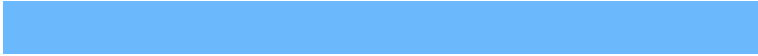
191, 91, 0



64, 30, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



108, 184, 253



79, 171, 255



108, 113, 253



115, 121, 128



0, 100, 191



0, 33, 64

Previews

White Background



This preview shows how the RGB color 253, 177, 108 looks on a white background.

Color Contrast Check

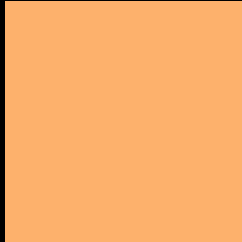
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 253, 177, 108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

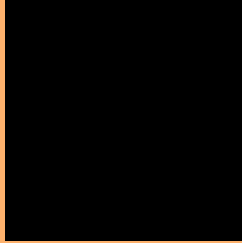
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 253, 177, 108 Background



This preview shows how black text looks on a background with the RGB color 253, 177, 108.



This preview shows how white text looks on a background with the RGB color 253, 177, 108.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
253, 177, 108

Protanopia
212, 194, 114

Deuteranopia
237, 185, 106



Tritanopia
255, 170, 182

Trichromacy



Original Color
253, 177, 108

Protanomaly
227, 188, 112

Deuteranomaly
243, 182, 107

Tritanomaly
254, 173, 155

Monochromacy



Original Color
253, 177, 108

Achromatopsia
192, 192, 192

Achromatomaly
214, 187, 161

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 177, 108 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(253, 177, 108)` looks like.

```
.text, #text, p{  
    color:rgb(253, 177, 108)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(253, 177, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 177, 108) }
```

Border

The CSS property to change the border of an element to RGB 253, 177, 108 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 177, 108) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(253, 177, 108) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(253, 177, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 177, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 177, 108);  
box-shadow:4px 4px 4px 4px rgb(253, 177,  
108) }
```

Background

The CSS property to change the background color of an element to RGB 253, 177, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 177, 108) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(253,  
177, 108) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor