

Converting Colors

RGB(255, 151, 116)

Have a look what the booklet for
RGB(255, 151, 116) contains.

RGB(255, 151, 116)	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(255, 151, 116)

Conversions

Conversions Part 1

Format	Color
Hex	FF9774
RGB	255, 151, 116
RGB Percent	100%, 59%, 45%
CMY	0.0000, 0.4078, 0.5451
CMYK	0.00, 0.41, 0.55, 0.00
HSL	15°, 100%, 73%
HSV	15°, 55%, 100%
XYZ	55.4590, 44.6542, 22.2191
YIQ	178.1060, 73.2190, 11.1630

Conversions

Conversions Part 2

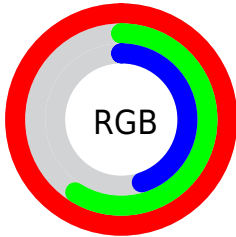
Format	Color
R _Y B	255, 163, 116
Decimal	16750452
CIE Lab	72.66, 35.64, 35.12
CIE LCh	73, 50.038, 44.578
Yxy	44.6542, 0.4533, 0.3650
Android (android.graphics.Color)	4294940532 (0xFFFF9774)
YUV	178.1060, -30.6183, 67.4360
Hunter-Lab	66.8238, 31.2007, 27.0625

Details

The RGB color **255, 151, 116** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **116, 220, 255**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **255, 206, 168**, and **194, 99, 67** is the 20% darker color. If you saturate the color by 10%, you get **255, 132, 90**, and if you desaturate by 10%, it is **255, 170, 142**.

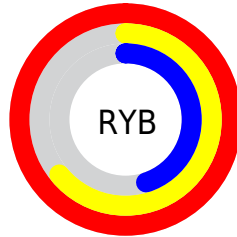
Distribution



Red (100%)

Green (59%)

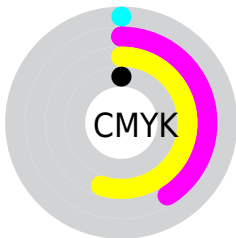
Blue (45%)



Red (100%)

Yellow (64%)

Blue (45%)

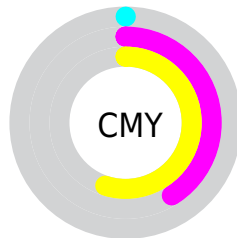


Cyan (0%)

Magenta (41%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (41%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 151, 116 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 255, 151, 116 by changing the saturation by 10% instead.

 255, 151, 116

255, 255, 255

 255, 206, 168

 255, 235, 196

 255, 255, 224

255, 255, 253

 255, 151, 116

 224, 124, 91

 194, 99, 67

 164, 73, 44

 135, 49, 22

 107, 23, 0

 78, 0, 0

 52, 0, 0

 10, 0, 0

 0, 0, 0

■ 255, 151, 116

■ 255, 151, 116

■ 255, 132, 90

■ 255, 170, 142

■ 255, 113, 65

■ 255, 189, 167

■ 255, 94, 39

■ 255, 208, 193

■ 255, 75, 14

■ 255, 227, 218

■ 255, 64, 0

■ 255, 246, 243

255, 255, 255

Harmonies

Analogous

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



255, 141, 158



255, 151, 116



226, 167, 89

Triad

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



255, 151, 116



61, 200, 152



143, 175, 255

Complementary

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



255, 151, 116



116, 220, 255

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.



0, 190, 255



255, 151, 116



0, 202, 200

Square

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



255, 151, 116



133, 194, 111



0, 199, 241



211, 158, 244

Rectangle

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



255, 151, 116



199, 178, 84



0, 199, 241



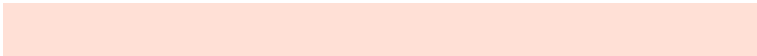
114, 181, 255

Sweetspot

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



255, 151, 116



255, 224, 214



255, 116, 220



128, 109, 103



0, 0, 0



128, 128, 128

Same Dimension

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



255, 151, 116



255, 131, 89



255, 220, 116



128, 118, 115



191, 48, 0



64, 16, 0

Inverse Universe

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



116, 220, 255



89, 213, 255



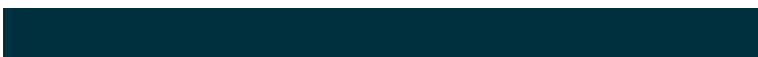
116, 151, 255



115, 124, 128



0, 143, 191



0, 48, 64

Previews

White Background



This preview shows how the RGB color 255, 151, 116 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 255, 151, 116 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 255, 151, 116 Background



This preview shows how black text looks on a background with the RGB color 255, 151, 116.

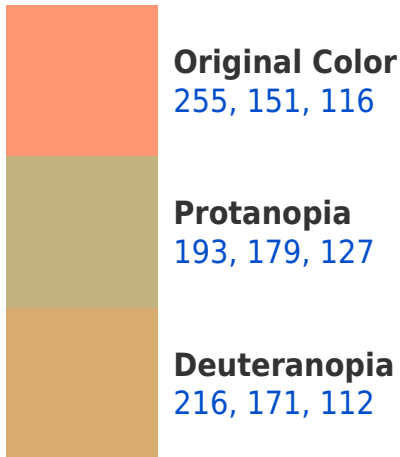


This preview shows how white text looks on a background with the RGB color 255, 151, 116.

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





Tritanopia
255, 147, 157

Trichromacy



Original Color

255, 151, 116



Protanomaly

216, 169, 123



Deuteranomaly

230, 164, 113



Tritanomaly

255, 148, 142

Monochromacy



Original Color

255, 151, 116



Achromatopsia

178, 178, 178



Achromatomaly

206, 168, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 151, 116 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(255, 151, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 116)  
}
```

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(255, 151, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 116) }
```

Border

The CSS property to change the border of an element to RGB 255, 151, 116 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(255, 151, 116) }
```

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

```
.border{ border-color:rgb(255, 151, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 116);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
116) }
```

Background

The CSS property to change the background color of an element to RGB 255, 151, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 116) }
```

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

```
.background{ background-color: rgb(255,  
151, 116) }
```

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