

Converting Colors

`RYB(255, 179, 117)`

Have a look what the booklet for
RYB(255, 179, 117) contains.

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Color

R_YB(255, 179, 117)

Conversions

Conversions Part 1

Format	Color
Hex	FFA075
RGB	255, 160, 117
RGB Percent	100%, 63%, 46%
CMY	0.0000, 0.3734, 0.5412
CMYK	0.00, 0.37, 0.54, 0.00
HSL	19°, 100%, 73%
HSV	19°, 54%, 100%
XYZ	56.9836, 47.6098, 23.0159
YIQ	183.5030, 70.4230, 6.7670

Conversions

Conversions Part 2

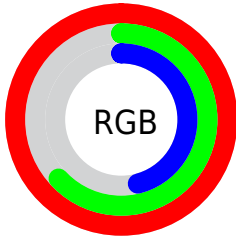
Format	Color
R _Y B	255, 179, 117
Decimal	16752757
CIE Lab	74.58, 31.18, 37.03
CIE LCh	75, 48.411, 49.899
Yxy	47.6098, 0.4465, 0.3731
Android (android.graphics.Color)	4294942837 (0xFFFFA075)
YUV	183.5030, -32.7860, 62.7029
Hunter-Lab	68.9998, 26.6648, 28.5229

Details

The RYB color **255, 179, 117** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **117, 173, 255**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **246, 255, 170**, and **194, 127, 68** is the 20% darker color. If you saturate the color by 10%, you get **255, 165, 91**, and if you desaturate by 10%, it is **255, 192, 143**.

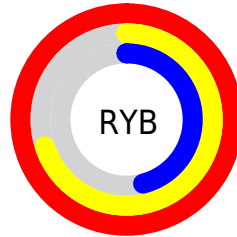
Distribution



Red (100%)

Green (63%)

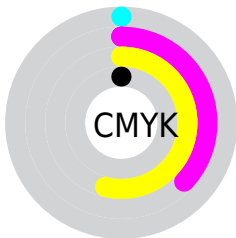
Blue (46%)



Red (100%)

Yellow (70%)

Blue (46%)

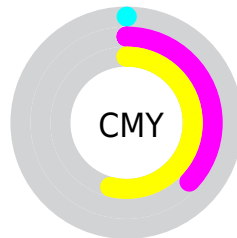


Cyan (0%)

Magenta (37%)

Yellow (54%)

Black (0%)



Cyan (0%)















Magenta (37%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 179, 117 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 RYB color 255, 179, 117 by changing the saturation by 10% instead.

 255, 179, 117	 255, 179, 117
255, 255, 255	 224, 151, 92
 246, 255, 170	 194, 124, 68
 211, 255, 197	 165, 99, 44
 225, 255, 225	 136, 75, 22
254, 255, 254	 107, 50, 0
	 79, 9, 0
	 52, 0, 0
	 18, 0, 0
	 0, 0, 0

■ 255, 179, 117

■ 255, 179, 117

■ 255, 165, 91

■ 255, 192, 143

■ 255, 152, 66

■ 255, 207, 168

■ 255, 137, 40

■ 255, 222, 194

■ 255, 122, 15

■ 255, 235, 219

■ 255, 114, 0

■ 255, 250, 244

255, 255, 255

Harmonies

Analogous

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



255, 148, 156



255, 179, 117



171, 224, 95

Triad

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



255, 179, 117



58, 144, 206



164, 176, 255

Complementary

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



255, 179, 117



117, 173, 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.



73, 145, 255



255, 179, 117



0, 104, 212

Square

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



255, 179, 117



124, 200, 194



0, 112, 250



224, 161, 241

Rectangle

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



255, 179, 117



105, 197, 93



0, 112, 250



138, 171, 255

Sweetspot

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



255, 179, 117



255, 233, 214



255, 117, 214



128, 115, 103



0, 0, 0



128, 128, 128

Same Dimension

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



255, 179, 117



255, 165, 89



152, 255, 117



128, 121, 115



191, 85, 0



64, 29, 0

Inverse Universe

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



117, 173, 255



89, 157, 255



117, 140, 255



115, 120, 128



0, 78, 191



0, 26, 64

Previews

White Background



This preview shows how the RYB color 255, 179, 117 looks on a white background.

Color Contrast Check

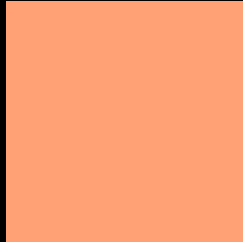
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 255, 179, 117 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](#).

RYB 255, 179, 117 Background



This preview shows how black text looks on a background with the RYB color 255, 179, 117.

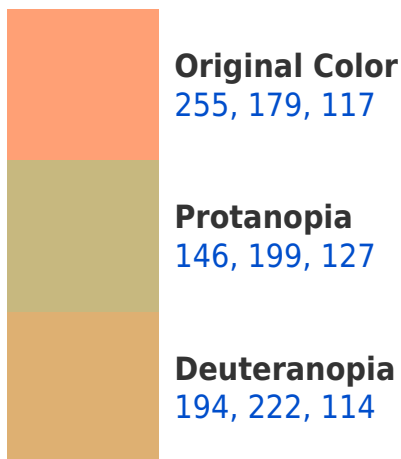


This preview shows how white text looks on a background with the RYB color 255, 179, 117.

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





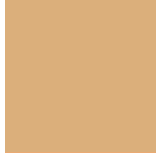
Tritanopia
255, 155, 166

Trichromacy



Original Color

255, 179, 117



Protanomaly

204, 219, 123



Deuteranomaly

234, 217, 115



Tritanomaly

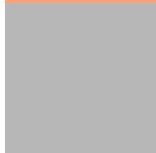
255, 158, 148

Monochromacy



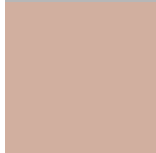
Original Color

255, 179, 117



Achromatopsia

183, 183, 183



Achromatomaly

209, 183, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 179, 117 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, 160, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 117)  
}
```

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, 160, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 117) }
```

Border

The CSS property to change the border of an element to RYB 255, 179, 117 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, 160, 117) }
```

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

```
.border{ border-color:rgb(255, 160, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 117);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
117) }
```

Background

The CSS property to change the background color of an element to RYB 255, 179, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 117) }
```

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

```
.background{ background-color: rgb(255,  
160, 117) }
```

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](#).

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