

Converting Colors

RGB(255, 207, 123)

Have a look what the booklet for
RGB(255, 207, 123) contains.

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Color

RGB(255, 207, 123)

Conversions

Conversions Part 1

Format	Color
Hex	FFCF7B
RGB	255, 207, 123
RGB Percent	100%, 81%, 48%
CMY	0.0000, 0.1882, 0.5176
CMYK	0.00, 0.19, 0.52, 0.00
HSL	38°, 100%, 74%
HSV	38°, 52%, 100%
XYZ	67.1280, 67.3157, 28.1941
YIQ	211.7760, 55.5720, -15.9480

Conversions

Conversions Part 2

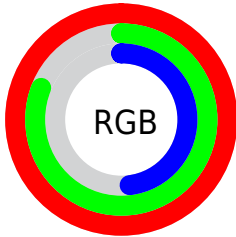
Format	Color
R _Y B	198, 255, 123
Decimal	16764795
CIE Lab	85.66, 7.07, 47.80
CIE LCh	86, 48.325, 81.589
Yxy	67.3157, 0.4127, 0.4139
Android (android.graphics.Color)	4294954875 (0xFFFFCF7B)
YUV	211.7760, -43.7666, 37.9074
Hunter-Lab	82.0462, 2.4632, 37.0581

Details

The RGB color **255, 207, 123** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **123, 171, 255**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **255, 255, 177**, and **196, 153, 72** is the 20% darker color. If you saturate the color by 10%, you get **255, 198, 98**, and if you desaturate by 10%, it is **255, 216, 149**.

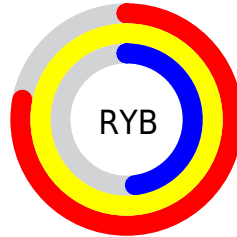
Distribution



Red (100%)

Green (81%)

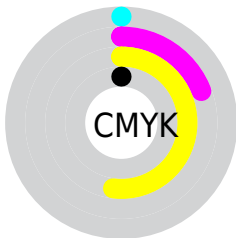
Blue (48%)



Red (78%)

Yellow (100%)

Blue (48%)

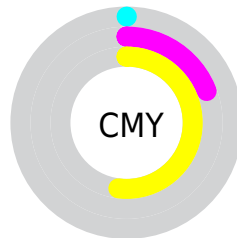


Cyan (0%)

Magenta (19%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 207, 123 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, 207, 123 by changing the saturation by 10% instead.

 255, 207, 123

 255, 207, 123

255, 255, 255

 225, 180, 97

 255, 255, 177

 196, 153, 72

 255, 255, 205

 167, 127, 46

 255, 255, 233

 138, 102, 20

 111, 78, 0

 84, 56, 0

 58, 34, 0

 33, 14, 0

 0, 0, 0

■ 255, 207, 123

■ 255, 207, 123

■ 255, 198, 98

■ 255, 216, 149

■ 255, 188, 72

■ 255, 226, 174

■ 255, 179, 47

■ 255, 235, 200

■ 255, 170, 21

■ 255, 244, 225

■ 255, 162, 0

■ 255, 253, 251

255, 255, 255

Harmonies

Analogous

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



255, 191, 144



255, 207, 123



210, 222, 127

Triad

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



255, 207, 123



0, 238, 246



255, 190, 255

Complementary

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



255, 207, 123



123, 171, 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.



200, 207, 255



255, 207, 123



0, 233, 255

Square

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



255, 207, 123



93, 238, 199



120, 223, 255



255, 179, 229

Rectangle

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



255, 207, 123



176, 229, 144



120, 223, 255



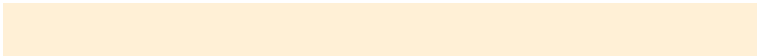
242, 196, 255

Sweetspot

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



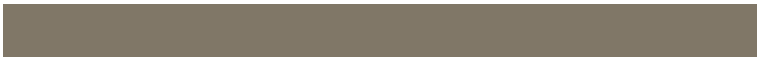
255, 207, 123



255, 240, 214



255, 123, 171



128, 119, 103



0, 0, 0



128, 128, 128

Same Dimension

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



255, 207, 123



255, 198, 97



237, 255, 123



128, 123, 115



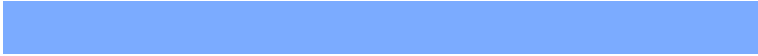
191, 122, 0



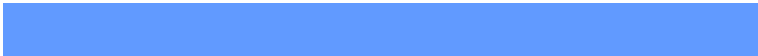
64, 41, 0

Inverse Universe

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



123, 171, 255



97, 154, 255



141, 123, 255



115, 119, 128



0, 70, 191



0, 23, 64

Previews

White Background



This preview shows how the RGB color 255, 207, 123 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, 207, 123 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, 207, 123 Background



This preview shows how black text looks on a background with the RGB color 255, 207, 123.




This preview shows how white text looks on a background with the RGB color 255, 207, 123.

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 255, 207, 123
	Protanopia 235, 214, 126
	Deuteranopia 255, 206, 141



Tritanopia
255, 200, 212

Trichromacy



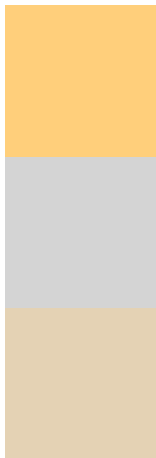
Original Color
255, 207, 123

Protanomaly
242, 211, 125

Deuteranomaly
255, 206, 134

Tritanomaly
255, 203, 180

Monochromacy



Original Color
255, 207, 123

Achromatopsia
212, 212, 212

Achromatomaly
228, 210, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 207, 123 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, 207, 123)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 123)  
}
```

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, 207, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 123) }
```

Border

The CSS property to change the border of an element to RGB 255, 207, 123 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, 207, 123) }
```

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

```
.border{ border-color:rgb(255, 207, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 207, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 207, 123); box-shadow:4px 4px 4px 4px rgb(255, 207, 123) }
```

Background

The CSS property to change the background color of an element to RGB 255, 207, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 123) }
```

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

```
.background{ background-color: rgb(255,  
207, 123) }
```

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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