

Converting Colors

RGB(254, 193, 116)

Have a look what the booklet for
RGB(254, 193, 116) contains.

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Color

RGB(254, 193, 116)

Conversions

Conversions Part 1

Format	Color
Hex	FEC174
RGB	254, 193, 116
RGB Percent	100%, 76%, 45%
CMY	0.0039, 0.2431, 0.5451
CMYK	0.00, 0.24, 0.54, 0.00
HSL	33°, 99%, 73%
HSV	33°, 54%, 100%
XYZ	63.0954, 60.4717, 24.8697
YIQ	202.4610, 61.0730, -11.0150

Conversions

Conversions Part 2

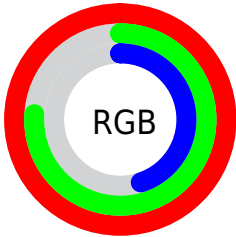
Format	Color
R_{YB}	225, 254, 116
Decimal	16695668
CIE _{Lab}	82.09, 13.35, 46.87
CIE _{LCh}	82, 48.737, 74.100
Yxy	60.4717, 0.4251, 0.4074
Android (android.graphics.Color)	4294885748 (0xFFFE ^C 174)
YUV	202.4610, -42.6253, 45.1997
Hunter-Lab	77.7636, 8.7442, 35.4728

Details

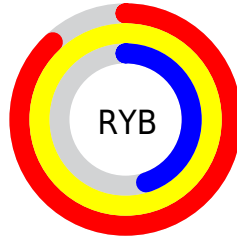
The RGB color **254, 193, 116** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **116, 177, 254**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 249, 169**, and **194, 140, 65** is the 20% darker color. If you saturate the color by 10%, you get **254, 182, 91**, and if you desaturate by 10%, it is **254, 204, 141**.

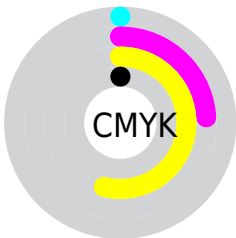
Distribution



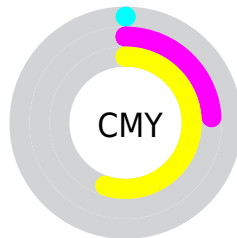
- Red (100%)
- Green (76%)
- Blue (45%)



- Red (88%)
- Yellow (100%)
- Blue (45%)



- Cyan (0%)
- Magenta (24%)
- Yellow (54%)
- Black (0%)




- Cyan (0%)
- Magenta (24%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 254, 193, 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 254, 193, 116 by changing the saturation by 10% instead.

 254, 193, 116

255, 255, 255

 255, 249, 169

 255, 255, 197

 255, 255, 226

255, 255, 255

 254, 193, 116

 224, 166, 90

 194, 140, 65

 165, 114, 40

 137, 90, 13

 109, 66, 0

 82, 44, 0

 55, 23, 0

 32, 0, 0

 0, 0, 0

■ 254, 193, 116

■ 254, 193, 116

■ 254, 182, 91

■ 254, 204, 141

■ 254, 171, 65

■ 254, 215, 167

■ 254, 159, 40

■ 254, 227, 192

■ 254, 148, 14

■ 254, 238, 218

■ 254, 142, 0

■ 254, 249, 243

254, 255, 255

Harmonies

Analogous

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



255, 177, 143



254, 193, 116



212, 208, 113

Triad

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



254, 193, 116



0, 228, 225



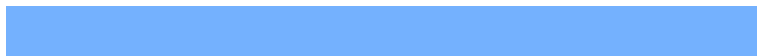
236, 184, 255

Complementary

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



254, 193, 116



116, 177, 254

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.



171, 201, 255



254, 193, 116



0, 225, 255

Square

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



254, 193, 116



98, 226, 178



79, 216, 255



255, 171, 230

Rectangle

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



254, 193, 116



179, 217, 126



79, 216, 255



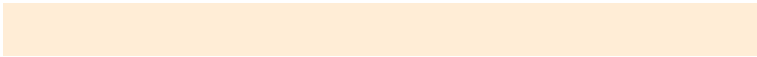
217, 190, 255

Sweetspot

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



254, 193, 116



255, 237, 214



254, 116, 178



128, 117, 103



0, 0, 0



128, 128, 128

Same Dimension

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



254, 193, 116



255, 182, 89



247, 254, 116



128, 122, 115



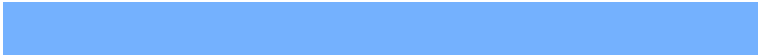
191, 107, 0



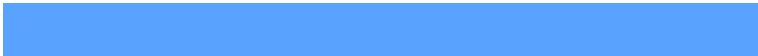
64, 36, 0

Inverse Universe

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



116, 177, 254



89, 163, 255



123, 116, 254



115, 120, 128



0, 85, 191



0, 28, 64

Previews

White Background



This preview shows how the RGB color 254, 193, 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 254, 193, 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 254, 193, 116 Background



This preview shows how black text looks on a background with the RGB color 254, 193, 116.

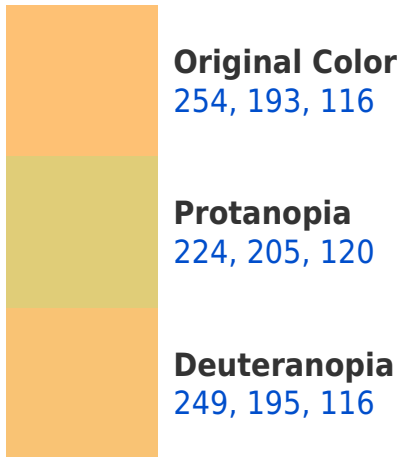



This preview shows how white text looks on a background with the RGB color 254, 193, 116.

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, 186, 198

Trichromacy



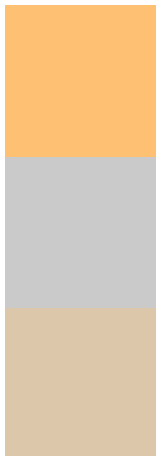
Original Color
254, 193, 116

Protanomaly
235, 201, 119

Deuteranomaly
251, 194, 116

Tritanomaly
255, 189, 168

Monochromacy



Original Color
254, 193, 116

Achromatopsia
202, 202, 202

Achromatomaly
221, 199, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 254, 193, 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(254, 193, 116)` looks like.

```
.text, #text, p{  
    color:rgb(254, 193, 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(254, 193, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 193, 116) }
```

Border

The CSS property to change the border of an element to RGB 254, 193, 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(254, 193, 116) }
```

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

```
.border{ border-color:rgb(254, 193, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 193, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 193, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 193, 116);  
box-shadow:4px 4px 4px 4px rgb(254, 193,  
116) }
```

Background

The CSS property to change the background color of an element to RGB 254, 193, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 193, 116) }
```

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

```
.background{ background-color: rgb(254,  
193, 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](#).

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