

Converting Colors

RGB(240, 196, 154)

Have a look what the booklet for
RGB(240, 196, 154) contains.

RGB(240, 196, 154)	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(240, 196, 154)

Conversions

Conversions Part 1

Format	Color
Hex	F0C49A
RGB	240, 196, 154
RGB Percent	94%, 77%, 60%
CMY	0.0588, 0.2314, 0.3961
CMYK	0.00, 0.18, 0.36, 0.06
HSL	29°, 74%, 77%
HSV	29°, 36%, 94%
XYZ	61.5078, 60.3382, 38.9765
YIQ	204.3680, 39.7060, -3.7340

Conversions

Conversions Part 2

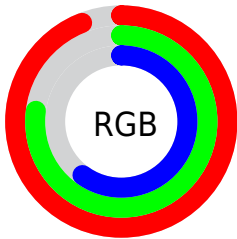
Format	Color
R _Y B	240, 236, 154
Decimal	15778970
CIE Lab	82.02, 9.97, 27.00
CIE LCh	82, 28.779, 69.722
Yxy	60.3382, 0.3825, 0.3752
Android (android.graphics.Color)	4293969050 (0xFFFF0C49A)
YUV	204.3680, -24.8314, 31.2493
Hunter-Lab	77.6777, 5.4065, 24.6243

Details

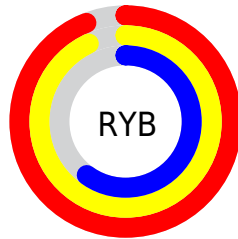
The RGB color **240, 196, 154** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **154, 198, 240**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 253, 209**, and **183, 142, 103** is the 20% darker color. If you saturate the color by 10%, you get **240, 184, 130**, and if you desaturate by 10%, it is **240, 208, 178**.

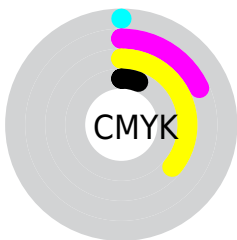
Distribution



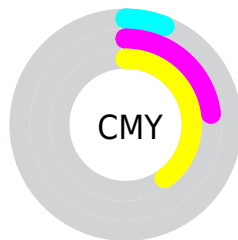
- Red (94%)
- Green (77%)
- Blue (60%)



- Red (94%)
- Yellow (93%)
- Blue (60%)



- Cyan (0%)
- Magenta (18%)
- Yellow (36%)
- Black (6%)





- Cyan (6%)
- Magenta (23%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the RGB color 240, 196, 154 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 240, 196, 154 by changing the saturation by 10% instead.

 240, 196, 154

 240, 196, 154

255, 255, 255

 211, 169, 128


 255, 253, 209

 183, 142, 103

 255, 255, 237

 155, 117, 78

 128, 92, 55

 101, 69, 33

 76, 46, 10

 51, 25, 0

 28, 0, 0

 0, 0, 0

■ 240, 196, 154

■ 240, 196, 154

■ 240, 184, 130

■ 240, 208, 178

■ 240, 171, 106

■ 240, 221, 202

■ 240, 159, 82

■ 240, 233, 226

■ 240, 147, 58

■ 240, 245, 250

■ 240, 135, 34

■ 240, 255, 255

■ 240, 122, 10

■ 240, 117, 0

Harmonies

Analogous

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



255, 188, 171



240, 196, 154



215, 205, 151

Triad

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



240, 196, 154



130, 219, 212



219, 194, 246

Complementary

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



240, 196, 154



154, 198, 240

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.



183, 203, 255



240, 196, 154



126, 217, 237

Square

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



240, 196, 154



154, 218, 184



147, 212, 254



246, 187, 223

Rectangle

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



240, 196, 154



195, 210, 157



147, 212, 254



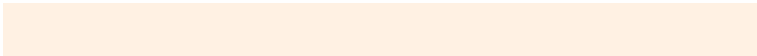
208, 197, 251

Sweetspot

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



240, 196, 154



255, 241, 227



240, 154, 198



128, 119, 111



0, 0, 0



128, 128, 128

Same Dimension

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



240, 196, 154



255, 199, 145



240, 239, 154



120, 114, 108



184, 90, 0



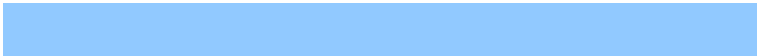
56, 27, 0

Inverse Universe

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



154, 198, 240



145, 201, 255



154, 155, 240



108, 114, 120



0, 94, 184



0, 29, 56

Previews

White Background



This preview shows how the RGB color 240, 196, 154 looks on a white background.

Color Contrast Check

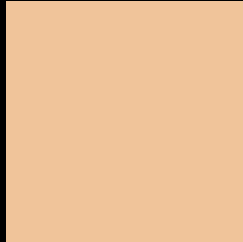
Large Text (above 18pt) WCAG AA × Fail

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 240, 196, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

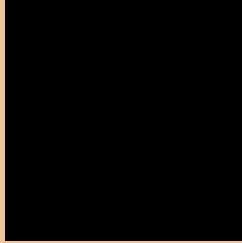
Any Text WCAG AA ✓ Pass

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 240, 196, 154 Background



This preview shows how black text looks on a background with the RGB color 240, 196, 154.



This preview shows how white text looks on a background with the RGB color 240, 196, 154.

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
240, 196, 154

Protanopia
218, 204, 158

Deuteranopia
240, 196, 154



Tritanopia
245, 189, 204

Trichromacy



Original Color

240, 196, 154

Protanomaly

226, 201, 157

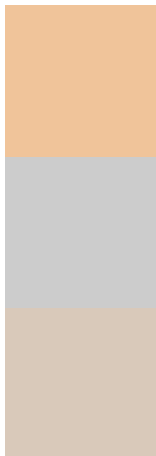
Deuteranomaly

240, 196, 154

Tritanomaly

243, 192, 186

Monochromacy



Original Color

240, 196, 154

Achromatopsia

204, 204, 204

Achromatomaly

217, 201, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 196, 154 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(240, 196, 154)` looks like.

```
.text, #text, p{  
    color:rgb(240, 196, 154)  
}
```

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(240, 196, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 196, 154) }
```

Border

The CSS property to change the border of an element to RGB 240, 196, 154 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(240, 196, 154) }
```

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

```
.border{ border-color:rgb(240, 196, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 196, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 196, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 196, 154);  
box-shadow:4px 4px 4px 4px rgb(240, 196,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 240, 196, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 196, 154) }
```

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

```
.background{ background-color: rgb(240,  
196, 154) }
```

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