

Converting Colors

RGB(241, 195, 137)

Have a look what the booklet for
RGB(241, 195, 137) contains.

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Color

RGB(241, 195, 137)

Conversions

Conversions Part 1

Format	Color
Hex	F1C389
RGB	241, 195, 137
RGB Percent	95%, 76%, 54%
CMY	0.0549, 0.2353, 0.4627
CMYK	0.00, 0.19, 0.43, 0.05
HSL	33°, 79%, 74%
HSV	33°, 43%, 95%
XYZ	60.3061, 59.5371, 31.9803
YIQ	202.1420, 46.0340, -8.2860

Conversions

Conversions Part 2

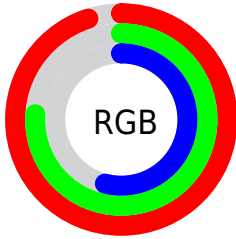
Format	Color
R _Y B	219, 241, 137
Decimal	15844233
CIE Lab	81.59, 9.02, 35.31
CIE LCh	82, 36.440, 75.673
Yxy	59.5371, 0.3972, 0.3921
Android (android.graphics.Color)	4294034313 (0xFFFF1C389)
YUV	202.1420, -32.1150, 34.0785
Hunter-Lab	77.1603, 4.4795, 29.4386

Details

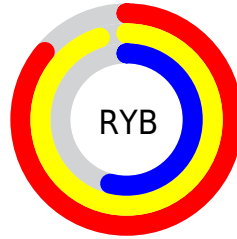
The RGB color **241, 195, 137** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **137, 183, 241**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **255, 251, 191**, and **183, 141, 86** is the 20% darker color. If you saturate the color by 10%, you get **241, 184, 113**, and if you desaturate by 10%, it is **241, 206, 161**.

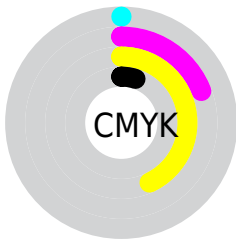
Distribution



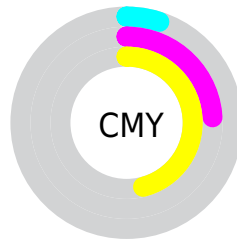
- Red (95%)
- Green (76%)
- Blue (54%)



- Red (86%)
- Yellow (95%)
- Blue (54%)



- Cyan (0%)
- Magenta (19%)
- Yellow (43%)
- Black (5%)





- Cyan (5%)
- Magenta (24%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the RGB color 241, 195, 137 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 241, 195, 137 by changing the saturation by 10% instead.


 241, 195, 137

 241, 195, 137


255, 255, 255

 212, 168, 111

 255, 251, 191


 183, 141, 86

 255, 255, 219

 155, 116, 62

 255, 255, 248

 127, 91, 39


 101, 68, 15


 75, 46, 0


 49, 25, 0


 25, 0, 0


 0, 0, 0


 241, 195, 137


 241, 195, 137

 241, 184, 113


 241, 206, 161

 241, 174, 89


 241, 216, 185


 241, 163, 65

 241, 227, 209


 241, 152, 41

 241, 238, 233

 241, 142, 16

 241, 248, 255

 241, 134, 0

 241, 255, 255

Harmonies

Analogous

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



255, 184, 155



241, 195, 137



208, 206, 136

Triad

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



241, 195, 137



95, 221, 220



230, 188, 251

Complementary

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



241, 195, 137



137, 183, 241

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.



184, 200, 255



241, 195, 137



92, 218, 250

Square

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



241, 195, 137



129, 220, 185



132, 211, 255



255, 179, 221

Rectangle

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



241, 195, 137



183, 213, 146



132, 211, 255



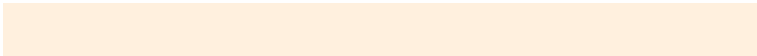
216, 192, 255

Sweetspot

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



241, 195, 137



255, 240, 222



241, 137, 184



128, 118, 107



0, 0, 0



128, 128, 128

Same Dimension

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



241, 195, 137



255, 196, 122



236, 241, 137



120, 115, 108



184, 102, 0



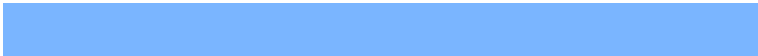
56, 31, 0

Inverse Universe

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



137, 183, 241



122, 181, 255



142, 137, 241



108, 113, 120



0, 81, 184



0, 25, 56

Previews

White Background



This preview shows how the RGB color 241, 195, 137 looks on a white background.

Color Contrast Check

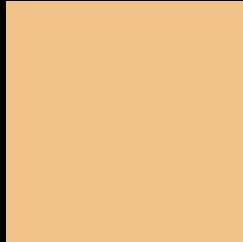
Large Text (above 18pt) WCAG AA × Fail

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 241, 195, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

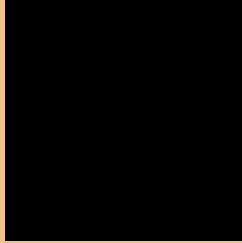
Any Text WCAG AA ✓ Pass

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 241, 195, 137 Background



This preview shows how black text looks on a background with the RGB color 241, 195, 137.



This preview shows how white text looks on a background with the RGB color 241, 195, 137.

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
241, 195, 137

Protanopia
219, 203, 140

Deuteranopia
243, 194, 137



Tritanopia
247, 187, 201

Trichromacy



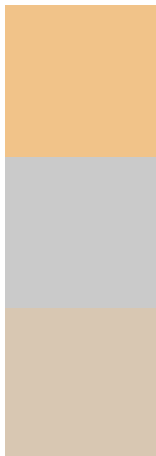
Original Color
241, 195, 137

Protanomaly
227, 200, 139

Deuteranomaly
242, 194, 137

Tritanomaly
245, 190, 178

Monochromacy



Original Color
241, 195, 137

Achromatopsia
202, 202, 202

Achromatomaly
216, 199, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 241, 195, 137 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(241, 195, 137)` looks like.

```
.text, #text, p{  
    color:rgb(241, 195, 137)  
}
```

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(241, 195, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 195, 137) }
```

Border

The CSS property to change the border of an element to RGB 241, 195, 137 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(241, 195, 137) }
```

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

```
.border{ border-color:rgb(241, 195, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 195, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 195, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 195, 137);  
box-shadow:4px 4px 4px 4px rgb(241, 195,  
137) }
```

Background

The CSS property to change the background color of an element to RGB 241, 195, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 195, 137) }
```

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

```
.background{ background-color: rgb(241,  
195, 137) }
```

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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