

Converting Colors

RGB(245, 222, 157)

Have a look what the booklet for
RGB(245, 222, 157) contains.

RGB(245, 222, 157)	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(245, 222, 157)

Conversions

Conversions Part 1

Format	Color
Hex	F5DE9D
RGB	245, 222, 157
RGB Percent	96%, 87%, 62%
CMY	0.0392, 0.1294, 0.3843
CMYK	0.00, 0.09, 0.36, 0.04
HSL	44°, 81%, 79%
HSV	44°, 36%, 96%
XYZ	69.8633, 74.0894, 42.5168
YIQ	221.4670, 34.5730, -15.3390

Conversions

Conversions Part 2

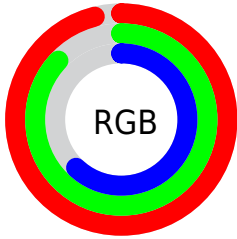
Format	Color
RYB	188, 245, 157
Decimal	16113309
CIELab	88.96, -1.19, 34.79
CIElCh	89, 34.811, 91.967
Yxy	74.0894, 0.3747, 0.3973
Android (android.graphics.Color)	4294303389 (0xFFF5DE9D)
YUV	221.4670, -31.7822, 20.6384
Hunter-Lab	86.0752, -5.7513, 30.9664

Details

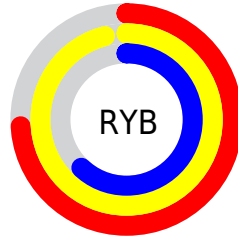
The RGB color **245, 222, 157** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **157, 180, 245**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 212**, and **187, 167, 105** is the 20% darker color. If you saturate the color by 10%, you get **245, 216, 133**, and if you desaturate by 10%, it is **245, 228, 182**.

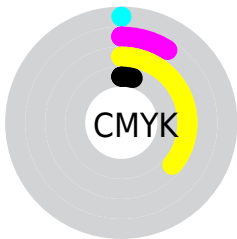
Distribution



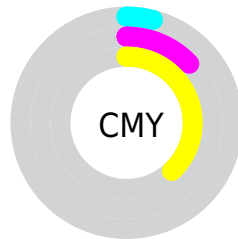
- Red (96%)
- Green (87%)
- Blue (62%)



- Red (74%)
- Yellow (96%)
- Blue (62%)



- Cyan (0%)
- Magenta (9%)
- Yellow (36%)
- Black (4%)



- Cyan (4%)
- Magenta (13%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the RGB color 245, 222, 157 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 245, 222, 157 by changing the saturation by 10% instead.

 245, 222, 157

 245, 222, 157


255, 255, 255

 216, 194, 131

 255, 255, 212


 187, 167, 105

 255, 255, 241

 160, 141, 80

 133, 115, 56

 106, 91, 33

 81, 68, 8

 57, 45, 0

 32, 25, 0

 0, 0, 0

■ 245, 222, 157

■ 245, 222, 157

■ 245, 216, 133

■ 245, 228, 182

■ 245, 209, 108

■ 245, 235, 206

■ 245, 203, 84

■ 245, 241, 231

■ 245, 196, 59

■ 245, 248, 255

■ 245, 190, 35

■ 245, 254, 255

■ 245, 184, 10

■ 245, 255, 255

■ 245, 181, 0

Harmonies

Analogous

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



255, 211, 166



245, 222, 157



209, 232, 166

Triad

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



245, 222, 157



120, 241, 255



255, 204, 255

Complementary

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



245, 222, 157



157, 180, 245

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.



231, 214, 255



245, 222, 157



140, 235, 255

Square

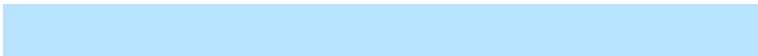
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245, 222, 157



136, 242, 225



184, 226, 255



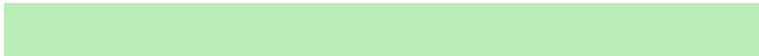
255, 199, 222

Rectangle

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



245, 222, 157



184, 237, 182



184, 226, 255



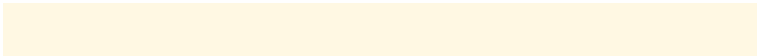
255, 207, 255

Sweetspot

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



245, 222, 157



255, 248, 227



245, 157, 180



128, 123, 111



0, 0, 0



128, 128, 128

Same Dimension

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



245, 222, 157



255, 226, 145



224, 245, 157



122, 119, 110



186, 137, 0



59, 43, 0

Inverse Universe

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



157, 180, 245



145, 174, 255



178, 157, 245



110, 113, 122



0, 49, 186



0, 15, 59

Previews

White Background



This preview shows how the RGB color 245, 222, 157 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 245, 222, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

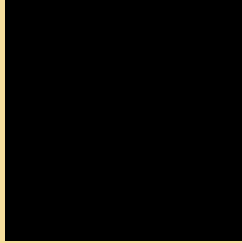
Any Text WCAG AA ✓ Pass

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 245, 222, 157 Background



This preview shows how black text looks on a background with the RGB color 245, 222, 157.



This preview shows how white text looks on a background with the RGB color 245, 222, 157.

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
245, 222, 157

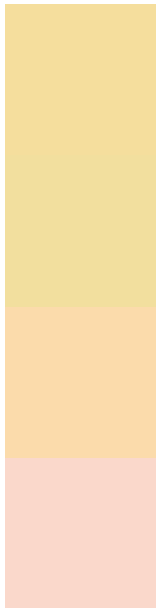
Protanopia
241, 223, 158

Deuteranopia
255, 217, 179



Tritanopia
253, 213, 229

Trichromacy



Original Color

245, 222, 157

Protanomaly

242, 223, 158

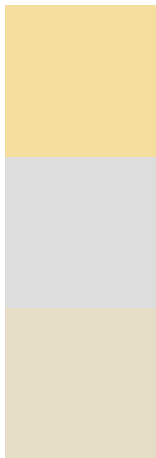
Deuteranomaly

251, 219, 171

Tritanomaly

250, 216, 203

Monochromacy



Original Color

245, 222, 157

Achromatopsia

221, 221, 221

Achromatomaly

230, 221, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 222, 157 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(245, 222, 157)` looks like.

```
.text, #text, p{  
    color:rgb(245, 222, 157)  
}
```

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(245, 222, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 222, 157) }
```

Border

The CSS property to change the border of an element to RGB 245, 222, 157 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(245, 222, 157) }
```

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

```
.border{ border-color:rgb(245, 222, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 222, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 222, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 222, 157);  
box-shadow:4px 4px 4px 4px rgb(245, 222,  
157) }
```

Background

The CSS property to change the background color of an element to RGB 245, 222, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 222, 157) }
```

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

```
.background{ background-color: rgb(245,  
222, 157) }
```

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