

Converting Colors

RGB(245, 233, 112)

Have a look what the booklet for
RGB(245, 233, 112) contains.

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Color

RGB(245, 233, 112)

Conversions

Conversions Part 1

Format	Color
Hex	F5E970
RGB	245, 233, 112
RGB Percent	96%, 91%, 44%
CMY	0.0392, 0.0863, 0.5608
CMYK	0.00, 0.05, 0.54, 0.04
HSL	55°, 87%, 70%
HSV	55°, 54%, 96%
XYZ	69.7197, 78.8602, 26.8761
YIQ	222.7940, 45.9930, -35.0870

Conversions

Conversions Part 2

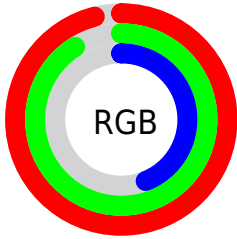
Format	Color
RYB	125, 245, 112
Decimal	16116080
CIELab	91.17, -11.01, 59.32
CIELCh	91, 60.333, 100.518
Yxy	78.8602, 0.3974, 0.4495
Android (android.graphics.Color)	4294306160 (0xFFFF5E970)
YUV	222.7940, -54.6214, 19.4747
Hunter-Lab	88.8032, -15.2647, 44.2183

Details

The RGB color **245, 233, 112** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **112, 124, 245**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 167**, and **186, 178, 58** is the 20% darker color. If you saturate the color by 10%, you get **245, 231, 87**, and if you desaturate by 10%, it is **245, 235, 137**.

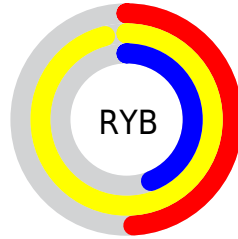
Distribution



Red (96%)

Green (91%)

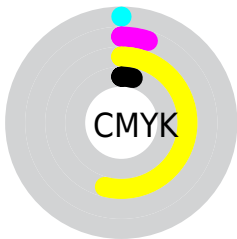
Blue (44%)



Red (49%)

Yellow (96%)

Blue (44%)

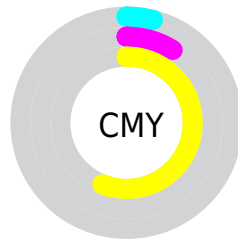


Cyan (0%)

Magenta (5%)

Yellow (54%)

Black (4%)



Cyan (4%)

Magenta (9%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 233, 112 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, 233, 112 by changing the saturation by 10% instead.

 245, 233, 112

 245, 233, 112


255, 255, 255

 215, 205, 85

 255, 255, 167

 186, 178, 58

 255, 255, 195

 158, 151, 28

 255, 255, 224

 130, 125, 0

255, 255, 253

 102, 101, 0

 76, 77, 0


 49, 54, 0

 25, 33, 0


 0, 8, 0

 245, 233, 112


 245, 233, 112

 245, 231, 87


 245, 235, 137

 245, 229, 63

 245, 237, 161

 245, 226, 38

 245, 240, 186

 245, 224, 14

 245, 242, 210

 245, 223, 0

 245, 244, 235

 245, 246, 255

 245, 248, 255

 245, 251, 255

 245, 253, 255

Harmonies

Analogous

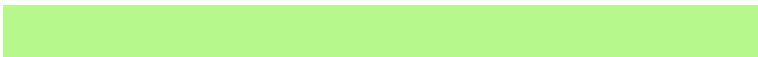
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 213, 120



245, 233, 112



182, 248, 139

Triad

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



245, 233, 112



0, 255, 255



255, 187, 255

Complementary

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



245, 233, 112



112, 124, 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.



255, 207, 255



245, 233, 112



0, 246, 255

Square

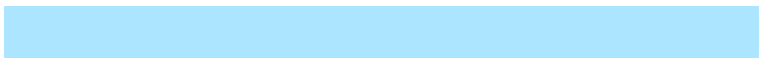
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245, 233, 112



0, 255, 249



171, 229, 255



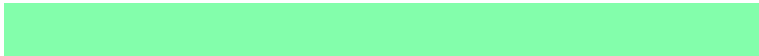
255, 182, 211

Rectangle

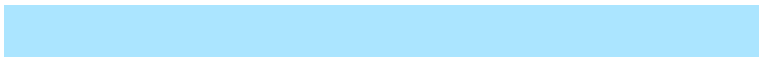
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245, 233, 112



131, 254, 171



171, 229, 255



255, 193, 255

Sweetspot

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



245, 233, 112



255, 251, 214



245, 112, 125



128, 125, 103



0, 0, 0



128, 128, 128

Same Dimension

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



245, 233, 112



255, 240, 89



192, 245, 112



122, 121, 110



186, 169, 0



59, 53, 0

Inverse Universe

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



112, 124, 245



89, 104, 255



165, 112, 245



110, 111, 122



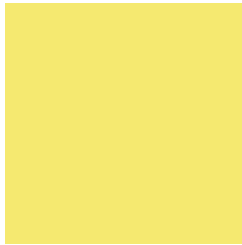
0, 17, 186



0, 5, 59

Previews

White Background



This preview shows how the RGB color 245, 233, 112 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, 233, 112 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, 233, 112 Background



This preview shows how black text looks on a background with the RGB color 245, 233, 112.



This preview shows how white text looks on a background with the RGB color 245, 233, 112.

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, 233, 112

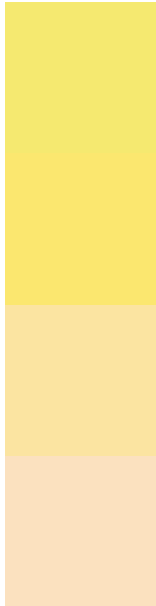
Protanopia
254, 230, 111

Deuteranopia
255, 225, 189



Tritanopia
255, 220, 236

Trichromacy



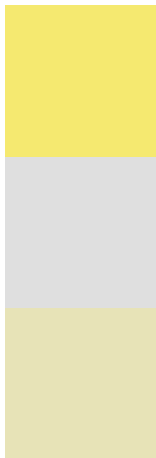
Original Color
245, 233, 112

Protanomaly
251, 231, 111

Deuteranomaly
251, 228, 161

Tritanomaly
251, 225, 191

Monochromacy



Original Color
245, 233, 112

Achromatopsia
223, 223, 223

Achromatomaly
231, 227, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 233, 112 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, 233, 112)` looks like.

```
.text, #text, p{  
    color:rgb(245, 233, 112)  
}
```

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, 233, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 233, 112) }
```

Border

The CSS property to change the border of an element to RGB 245, 233, 112 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, 233, 112) }
```

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

```
.border{ border-color:rgb(245, 233, 112) }
```

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

Here you see how a box with a 4 pixel rgb(245, 233, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 233, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 233, 112);  
box-shadow:4px 4px 4px 4px rgb(245, 233,  
112) }
```

Background

The CSS property to change the background color of an element to RGB 245, 233, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 233, 112) }
```

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

```
.background{ background-color: rgb(245,  
233, 112) }
```

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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