

Converting Colors

RGB(245, 237, 156)

Have a look what the booklet for
RGB(245, 237, 156) contains.

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Color

RGB(245, 237, 156)

Conversions

Conversions Part 1

Format	Color
Hex	F5ED9C
RGB	245, 237, 156
RGB Percent	96%, 93%, 61%
CMY	0.0392, 0.0706, 0.3882
CMYK	0.00, 0.03, 0.36, 0.04
HSL	55°, 82%, 79%
HSV	55°, 36%, 96%
XYZ	73.9411, 82.3812, 43.4565
YIQ	230.1580, 30.7690, -23.4950

Conversions

Conversions Part 2

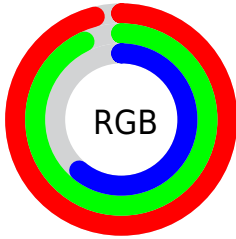
Format	Color
R _Y B	165, 245, 156
Decimal	16117148
CIE Lab	92.74, -8.87, 40.24
CIE LCh	93, 41.201, 102.427
Yxy	82.3812, 0.3701, 0.4124
Android (android.graphics.Color)	4294307228 (0xFFF5ED9C)
YUV	230.1580, -36.5599, 13.0164
Hunter-Lab	90.7641, -13.4217, 35.1476

Details

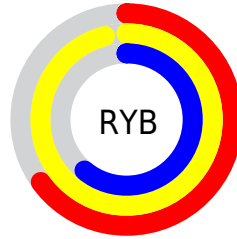
The RGB color **245, 237, 156** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **156, 164, 245**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 211**, and **187, 181, 104** is the 20% darker color. If you saturate the color by 10%, you get **245, 235, 132**, and if you desaturate by 10%, it is **245, 239, 180**.

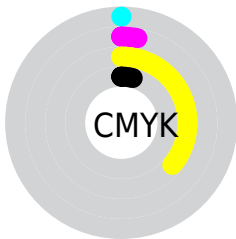
Distribution



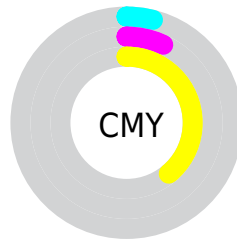
- Red (96%)
- Green (93%)
- Blue (61%)



- Red (65%)
- Yellow (96%)
- Blue (61%)



- Cyan (0%)
- Magenta (3%)
- Yellow (36%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 237, 156 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, 237, 156 by changing the saturation by 10% instead.

 245, 237, 156


255, 255, 255


 255, 255, 211


 255, 255, 240

 245, 237, 156

 216, 209, 129

 187, 181, 104

 160, 155, 78

 133, 129, 54

 106, 104, 29

 80, 80, 1

 56, 57, 0

 32, 36, 0

 0, 16, 0

245, 237, 156

245, 237, 156

245, 235, 132

245, 239, 180

245, 233, 107

245, 241, 205

245, 230, 83

245, 244, 230

245, 228, 58

245, 246, 254

245, 226, 34

245, 248, 255

245, 224, 9

245, 250, 255

245, 223, 0

245, 252, 255

245, 255, 255

245, 255, 255

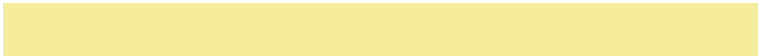
Harmonies

Analogous

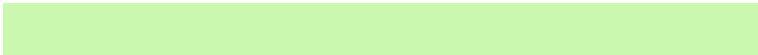
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 224, 159



245, 237, 156



201, 248, 174

Triad

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



245, 237, 156



101, 253, 255



255, 207, 255

Complementary

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



245, 237, 156



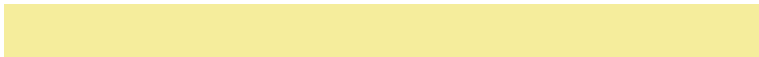
156, 164, 245

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, 218, 255



245, 237, 156



145, 245, 255

Square

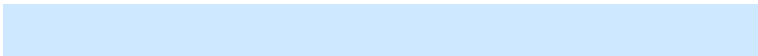
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245, 237, 156



111, 255, 250



206, 232, 255



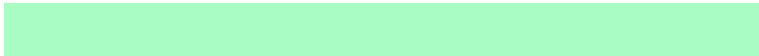
255, 204, 219

Rectangle

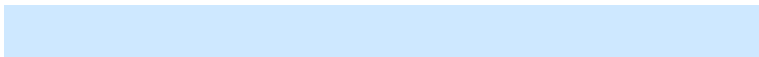
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245, 237, 156



169, 252, 196



206, 232, 255



255, 210, 255

Sweetspot

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



245, 237, 156



255, 252, 227



245, 156, 165



128, 126, 111



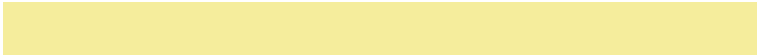
0, 0, 0



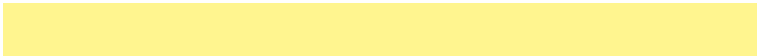
128, 128, 128

Same Dimension

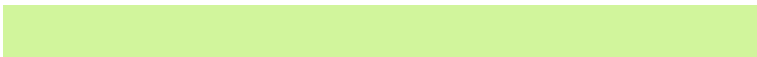
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245, 237, 156



255, 245, 143



209, 245, 156



122, 121, 110



186, 169, 0



59, 53, 0

Inverse Universe

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



156, 164, 245



143, 153, 255



192, 156, 245



110, 111, 122



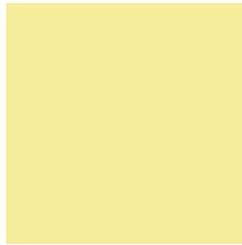
0, 17, 186



0, 5, 59

Previews

White Background



This preview shows how the RGB color 245, 237, 156 looks on a white background.

Color Contrast Check

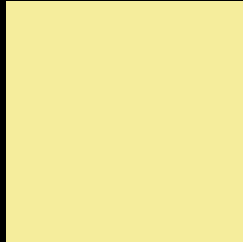
Large Text (above 18pt) WCAG AA × Fail

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, 237, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

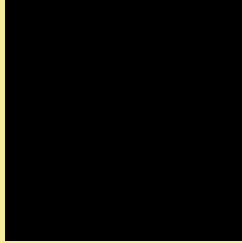
Any Text WCAG AA ✓ Pass

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, 237, 156 Background



This preview shows how black text looks on a background with the RGB color 245, 237, 156.

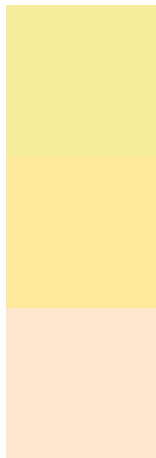


This preview shows how white text looks on a background with the RGB color 245, 237, 156.

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, 237, 156

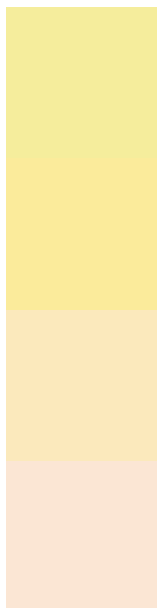
Protanopia
254, 234, 155

Deuteranopia
255, 230, 206



Tritanopia
255, 226, 244

Trichromacy



Original Color

245, 237, 156

Protanomaly

251, 235, 155

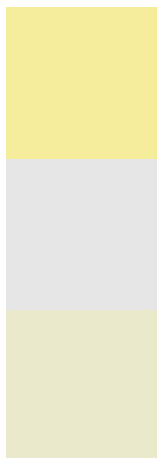
Deuteranomaly

251, 233, 188

Tritanomaly

251, 230, 212

Monochromacy



Original Color

245, 237, 156

Achromatopsia

230, 230, 230

Achromatomaly

235, 233, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 237, 156 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, 237, 156)` looks like.

```
.text, #text, p{  
    color:rgb(245, 237, 156)  
}
```

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, 237, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 237, 156) }
```

Border

The CSS property to change the border of an element to RGB 245, 237, 156 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, 237, 156) }
```

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

```
.border{ border-color:rgb(245, 237, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 237, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 237, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 237, 156); box-shadow:4px 4px 4px 4px rgb(245, 237, 156) }
```

Background

The CSS property to change the background color of an element to RGB 245, 237, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 237, 156) }
```

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

```
.background{ background-color: rgb(245,  
237, 156) }
```

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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