

Converting Colors

RGB(248, 241, 163)

Have a look what the booklet for
RGB(248, 241, 163) contains.

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Color

RGB(248, 241, 163)

Conversions

Conversions Part 1

Format	Color
Hex	F8F1A3
RGB	248, 241, 163
RGB Percent	97%, 95%, 64%
CMY	0.0275, 0.0549, 0.3608
CMYK	0.00, 0.03, 0.34, 0.03
HSL	55°, 86%, 81%
HSV	55°, 34%, 97%
XYZ	76.7776, 85.5114, 47.1091
YIQ	234.2010, 29.2100, -22.7740

Conversions

Conversions Part 2

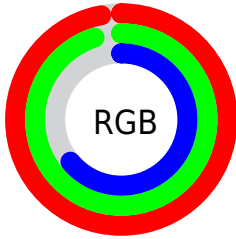
Format	Color
RYB	171, 248, 163
Decimal	16314787
CIELab	94.10, -8.92, 38.57
CIElCh	94, 39.584, 103.027
Yxy	85.5114, 0.3667, 0.4084
Android (android.graphics.Color)	4294504867 (0xFFFF8F1A3)
YUV	234.2010, -35.1021, 12.1017
Hunter-Lab	92.4724, -13.6225, 34.5260

Details

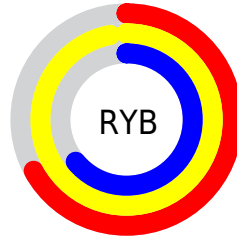
The RGB color **248, 241, 163** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **163, 170, 248**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 219**, and **190, 185, 110** is the 20% darker color. If you saturate the color by 10%, you get **248, 239, 138**, and if you desaturate by 10%, it is **248, 243, 188**.

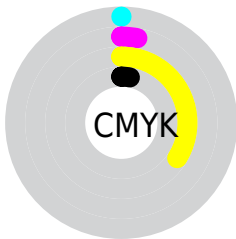
Distribution



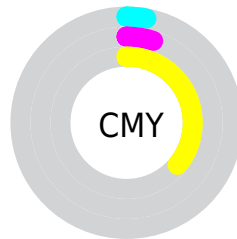
- Red (97%)
- Green (95%)
- Blue (64%)



- Red (67%)
- Yellow (97%)
- Blue (64%)



- Cyan (0%)
- Magenta (3%)
- Yellow (34%)
- Black (3%)



- Cyan (3%)
- Magenta (5%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 248, 241, 163 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 248, 241, 163 by changing the saturation by 10% instead.

 248, 241, 163


255, 255, 255


 255, 255, 219

 255, 255, 247

 248, 241, 163


 219, 213, 136

 190, 185, 110

 163, 158, 85

 136, 132, 60

 109, 107, 36

 83, 83, 10

 59, 60, 0

 35, 38, 0

 0, 19, 0

 248, 241, 163


 248, 241, 163

 248, 239, 138


 248, 243, 188

 248, 237, 113


 248, 245, 213

 248, 235, 89


 248, 247, 237

 248, 233, 64

 248, 249, 255

 248, 231, 39

 248, 251, 255

 248, 229, 14

 248, 253, 255

 248, 228, 0

 248, 255, 255

Harmonies

Analogous

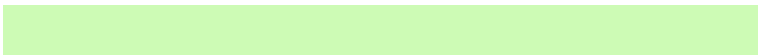
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 228, 166



248, 241, 163



205, 251, 181

Triad

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



248, 241, 163



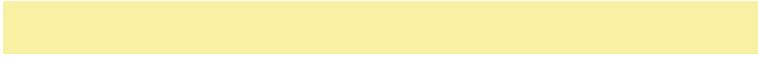
116, 255, 255



255, 212, 255

Complementary

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



248, 241, 163



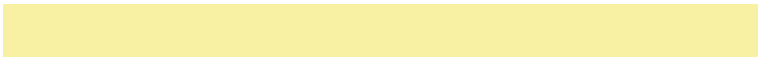
163, 170, 248

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, 222, 255



248, 241, 163



156, 248, 255

Square

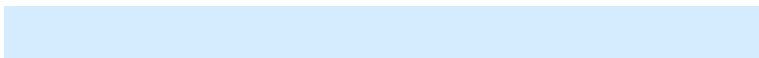
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



248, 241, 163



122, 255, 254



213, 236, 255



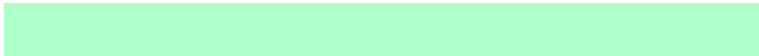
255, 210, 223

Rectangle

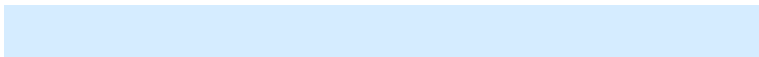
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



248, 241, 163



175, 255, 202



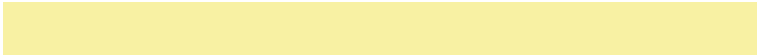
213, 236, 255



255, 215, 255

Sweetspot

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



248, 241, 163



255, 253, 230



248, 163, 170



128, 126, 112



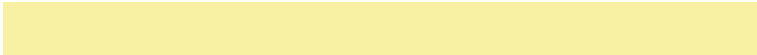
0, 0, 0



128, 128, 128

Same Dimension

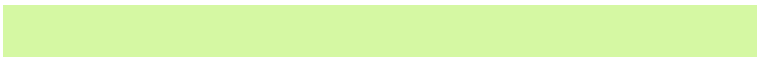
The Same Dimension uses a secret algorithm to generate beautiful new colors.



248, 241, 163



255, 246, 150



213, 248, 163



125, 124, 112



189, 173, 0



61, 56, 0

Inverse Universe

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



163, 170, 248



150, 159, 255



198, 163, 248



112, 113, 125



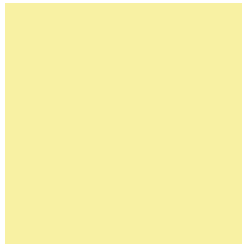
0, 16, 189



0, 5, 61

Previews

White Background



This preview shows how the RGB color 248, 241, 163 looks on a white background.

Color Contrast Check

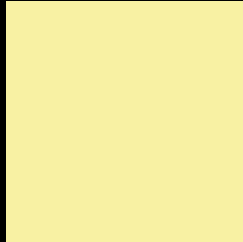
Large Text (above 18pt) WCAG AA × Fail

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 248, 241, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

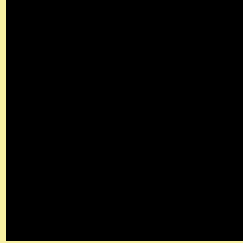
Any Text WCAG AA ✓ Pass

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 248, 241, 163 Background



This preview shows how black text looks on a background with the RGB color 248, 241, 163.



This preview shows how white text looks on a background with the RGB color 248, 241, 163.

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
248, 241, 163

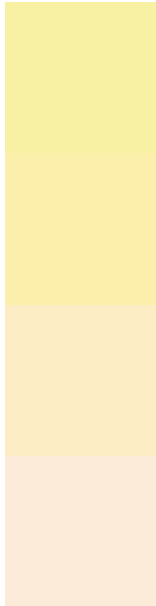
Protanopia
255, 238, 175

Deuteranopia
255, 235, 216



Tritanopia
255, 231, 247

Trichromacy



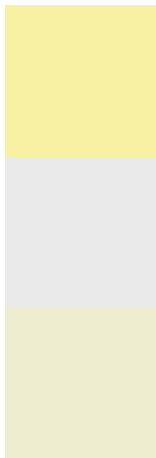
Original Color
248, 241, 163

Protanomaly
252, 239, 171

Deuteranomaly
252, 237, 197

Tritanomaly
252, 235, 216

Monochromacy



Original Color
248, 241, 163

Achromatopsia
234, 234, 234

Achromatomaly
239, 237, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 248, 241, 163 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(248, 241, 163)` looks like.

```
.text, #text, p{  
    color:rgb(248, 241, 163)  
}
```

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(248, 241, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 241, 163) }
```

Border

The CSS property to change the border of an element to RGB 248, 241, 163 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(248, 241, 163) }
```

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

```
.border{ border-color:rgb(248, 241, 163) }
```

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

Here you see how a box with a 4 pixel rgb(248, 241, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 241, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 241, 163);  
box-shadow:4px 4px 4px 4px rgb(248, 241,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 248, 241, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 241, 163) }
```

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

```
.background{ background-color: rgb(248,  
241, 163) }
```

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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