

Converting Colors

RGB(250, 248, 105)

Have a look what the booklet for
RGB(250, 248, 105) contains.

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Color

RGB(250, 248, 105)

Conversions

Conversions Part 1

Format	Color
Hex	FAF869
RGB	250, 248, 105
RGB Percent	98%, 97%, 41%
CMY	0.0196, 0.0275, 0.5882
CMYK	0.00, 0.01, 0.58, 0.02
HSL	59°, 94%, 70%
HSV	59°, 58%, 98%
XYZ	75.5415, 88.4787, 26.4612
YIQ	232.2960, 47.0950, -44.0490

Conversions

Conversions Part 2

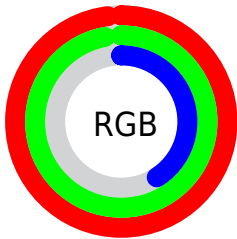
Format	Color
RYB	107, 250, 105
Decimal	16447593
CIELab	95.36, -16.86, 67.19
CIElCh	95, 69.278, 104.087
Yxy	88.4787, 0.3966, 0.4645
Android (android.graphics.Color)	4294637673 (0xFFFAF869)
YUV	232.2960, -62.7569, 15.5264
Hunter-Lab	94.0631, -21.2582, 49.1651

Details

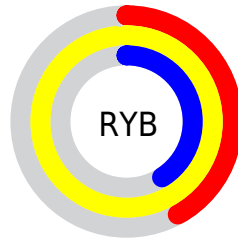
The RGB color **250, 248, 105** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **105, 107, 250**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **255, 255, 161**, and **191, 192, 48** is the 20% darker color. If you saturate the color by 10%, you get **250, 248, 80**, and if you desaturate by 10%, it is **250, 248, 130**.

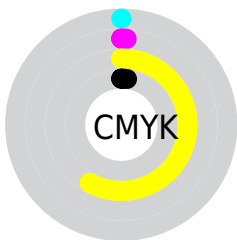
Distribution



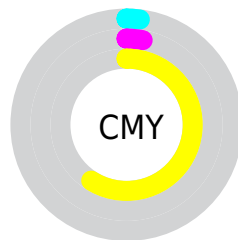
- Red (98%)
- Green (97%)
- Blue (41%)



- Red (42%)
- Yellow (98%)
- Blue (41%)



- Cyan (0%)
- Magenta (1%)
- Yellow (58%)
- Black (2%)



- Cyan (2%)
- Magenta (3%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 250, 248, 105 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 250, 248, 105 by changing the saturation by 10% instead.

 250, 248, 105

255, 255, 255


 255, 255, 161


 255, 255, 189

 255, 255, 218

 255, 255, 248

 250, 248, 105

 220, 220, 77

 191, 192, 48

 162, 165, 5

 133, 139, 0

 106, 113, 0

 79, 89, 0


 52, 66, 0

 26, 44, 0


 0, 25, 0

 250, 248, 105


 250, 248, 105

 250, 248, 80

 250, 248, 130

 250, 247, 55

 250, 249, 155

 250, 247, 30

 250, 249, 180

 250, 247, 5

 250, 249, 205

 250, 247, 0

 250, 250, 230

 250, 250, 255

 250, 250, 255

 250, 251, 255

 250, 251, 255

Harmonies

Analogous

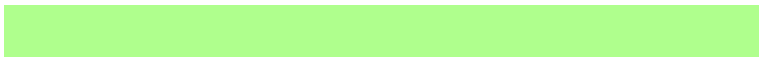
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 225, 110



250, 248, 105



175, 255, 141

Triad

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



250, 248, 105



0, 255, 255



255, 189, 255

Complementary

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



250, 248, 105



105, 107, 250

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, 211, 255



250, 248, 105



0, 255, 255

Square

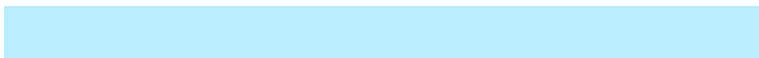
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



250, 248, 105



0, 255, 255



184, 238, 255



255, 185, 212

Rectangle

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



250, 248, 105



108, 255, 180



184, 238, 255



255, 195, 255

Sweetspot

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



250, 248, 105



255, 254, 212



250, 105, 107



128, 127, 102



0, 0, 0



128, 128, 128

Same Dimension

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



250, 248, 105



255, 253, 77



180, 250, 105



125, 125, 112



189, 186, 0



61, 60, 0

Inverse Universe

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



105, 107, 250



77, 79, 255



175, 105, 250



112, 113, 125



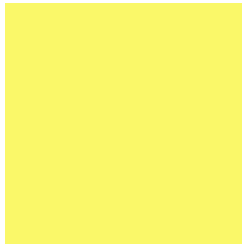
0, 3, 189



0, 1, 61

Previews

White Background



This preview shows how the RGB color 250, 248, 105 looks on a white background.

Color Contrast Check

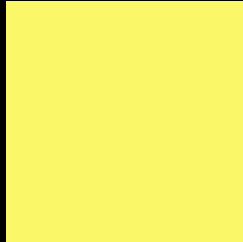
Large Text (above 18pt) WCAG AA × Fail

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 250, 248, 105 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 250, 248, 105 Background



This preview shows how black text looks on a background with the RGB color 250, 248, 105.

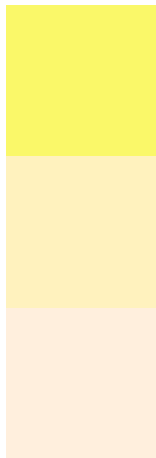


This preview shows how white text looks on a background with the RGB color 250, 248, 105.

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
250, 248, 105

Protanopia
255, 242, 190

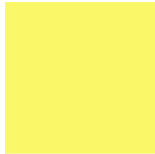
Deuteranopia
255, 239, 221



Tritanopia

255, 237, 247

Trichromacy



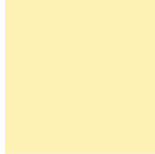
Original Color

250, 248, 105



Protanomaly

253, 244, 159



Deuteranomaly

253, 242, 179



Tritanomaly

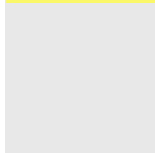
253, 241, 195

Monochromacy



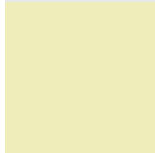
Original Color

250, 248, 105



Achromatopsia

232, 232, 232



Achromatomaly

239, 238, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 250, 248, 105 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(250, 248, 105)` looks like.

```
.text, #text, p{  
    color:rgb(250, 248, 105)  
}
```

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(250, 248, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 248, 105) }
```

Border

The CSS property to change the border of an element to RGB 250, 248, 105 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(250, 248, 105) }
```

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

```
.border{ border-color:rgb(250, 248, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 248, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 248, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 248, 105);  
box-shadow:4px 4px 4px 4px rgb(250, 248,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 250, 248, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 248, 105) }
```

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

```
.background{ background-color: rgb(250,  
248, 105) }
```

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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