

Converting Colors

RGB(253, 245, 104)

Have a look what the booklet for
RGB(253, 245, 104) contains.

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Color

RGB(253, 245, 104)

Conversions

Conversions Part 1

Format	Color
Hex	FDF568
RGB	253, 245, 104
RGB Percent	99%, 96%, 41%
CMY	0.0078, 0.0392, 0.5922
CMYK	0.00, 0.03, 0.59, 0.01
HSL	57°, 97%, 70%
HSV	57°, 59%, 99%
XYZ	75.6591, 87.1869, 25.9378
YIQ	231.3180, 50.0290, -42.1550

Conversions

Conversions Part 2

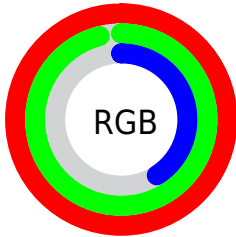
Format	Color
RYB	112, 253, 104
Decimal	16643432
CIELab	94.82, -14.27, 67.08
CIElCh	95, 68.586, 102.012
Yxy	87.1869, 0.4008, 0.4618
Android (android.graphics.Color)	4294833512 (0xFFFD568)
YUV	231.3180, -62.7678, 19.0151
Hunter-Lab	93.3739, -18.7693, 48.8919

Details

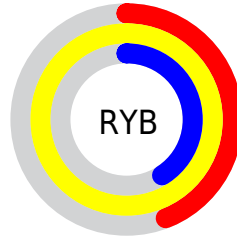
The RGB color **253, 245, 104** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **104, 112, 253**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 160**, and **193, 189, 47** is the 20% darker color. If you saturate the color by 10%, you get **253, 244, 79**, and if you desaturate by 10%, it is **253, 246, 129**.

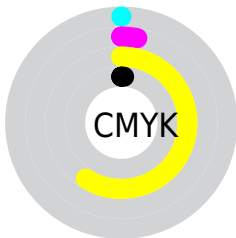
Distribution



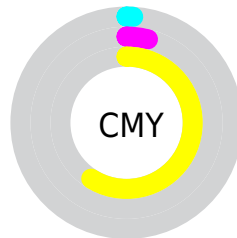
- Red (99%)
- Green (96%)
- Blue (41%)



- Red (44%)
- Yellow (99%)
- Blue (41%)



- Cyan (0%)
- Magenta (3%)
- Yellow (59%)
- Black (1%)



- Cyan (1%)
- Magenta (4%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 253, 245, 104 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 253, 245, 104 by changing the saturation by 10% instead.

 253, 245, 104

 253, 245, 104

255, 255, 255

 223, 217, 76

 255, 255, 160

 193, 189, 47

 255, 255, 188


 164, 162, 4

 255, 255, 217

 136, 136, 0

 255, 255, 246

 108, 111, 0

 81, 87, 0

 54, 64, 0

 29, 42, 0

 0, 23, 0

■ 253, 245, 104

■ 253, 245, 104

■ 253, 244, 79

■ 253, 246, 129

■ 253, 242, 53

■ 253, 248, 155

■ 253, 241, 28

■ 253, 249, 180

■ 253, 240, 3

■ 253, 250, 205

■ 253, 239, 0

■ 253, 252, 231

■ 253, 253, 255

253, 255, 255

253, 255, 255

Harmonies

Analogous

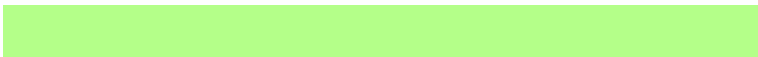
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 222, 112



253, 245, 104



180, 255, 137

Triad

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



253, 245, 104



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.



253, 245, 104



104, 112, 253

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, 212, 255



253, 245, 104



0, 255, 255

Square

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



253, 245, 104



0, 255, 255



174, 238, 255



255, 183, 216

Rectangle

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



253, 245, 104



116, 255, 175



174, 238, 255



255, 196, 255

Sweetspot

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



253, 245, 104



255, 253, 209



253, 104, 114



128, 126, 99



0, 0, 0



128, 128, 128

Same Dimension

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



253, 245, 104



255, 245, 74



188, 253, 104



128, 127, 115



191, 181, 0



64, 60, 0

Inverse Universe

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



104, 112, 253



74, 84, 255



169, 104, 253



115, 115, 128



0, 10, 191



0, 3, 64

Previews

White Background



This preview shows how the RGB color 253, 245, 104 looks on a white background.

Color Contrast Check

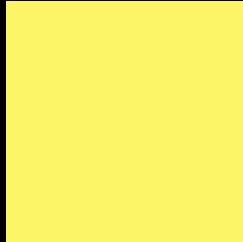
Large Text (above 18pt) WCAG AA × Fail

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 253, 245, 104 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 253, 245, 104 Background



This preview shows how black text looks on a background with the RGB color 253, 245, 104.

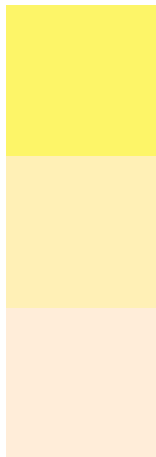


This preview shows how white text looks on a background with the RGB color 253, 245, 104.

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
253, 245, 104

Protanopia
255, 240, 182

Deuteranopia
255, 237, 217



Tritanopia

255, 235, 244

Trichromacy



Original Color

253, 245, 104



Protanomaly

254, 242, 154



Deuteranomaly

254, 240, 176



Tritanomaly

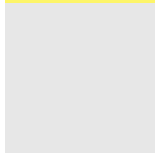
254, 239, 193

Monochromacy



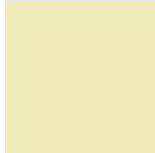
Original Color

253, 245, 104



Achromatopsia

231, 231, 231



Achromatomaly

239, 236, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 245, 104 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(253, 245, 104)` looks like.

```
.text, #text, p{  
    color:rgb(253, 245, 104)  
}
```

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(253, 245, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 245, 104) }
```

Border

The CSS property to change the border of an element to RGB 253, 245, 104 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(253, 245, 104) }
```

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

```
.border{ border-color:rgb(253, 245, 104) }
```

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

Here you see how a box with a 4 pixel rgb(253, 245, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 245, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 245, 104);  
box-shadow:4px 4px 4px 4px rgb(253, 245,  
104) }
```

Background

The CSS property to change the background color of an element to RGB 253, 245, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 245, 104) }
```

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

```
.background{ background-color: rgb(253,  
245, 104) }
```

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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