

Converting Colors

RGB(254, 245, 120)

Have a look what the booklet for
RGB(254, 245, 120) contains.

RGB(254, 245, 120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(254, 245, 120)

Conversions

Conversions Part 1

Format	Color
Hex	FEF578
RGB	254, 245, 120
RGB Percent	100%, 96%, 47%
CMY	0.0039, 0.0392, 0.5294
CMYK	0.00, 0.04, 0.53, 0.00
HSL	56°, 99%, 73%
HSV	56°, 53%, 100%
XYZ	76.9156, 87.7317, 30.6493
YIQ	233.4410, 45.4890, -36.9670

Conversions

Conversions Part 2

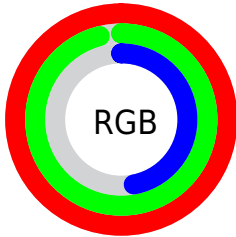
Format	Color
RYB	130, 254, 120
Decimal	16708984
CIELab	95.05, -12.72, 60.39
CIELCh	95, 61.712, 101.891
Yxy	87.7317, 0.3938, 0.4492
Android (android.graphics.Color)	4294899064 (0xFFFEF578)
YUV	233.4410, -55.9264, 18.0302
Hunter-Lab	93.6652, -17.3342, 46.1646

Details

The RGB color **254, 245, 120** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **120, 129, 254**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **255, 255, 175**, and **195, 189, 66** is the 20% darker color. If you saturate the color by 10%, you get **254, 243, 95**, and if you desaturate by 10%, it is **254, 247, 145**.

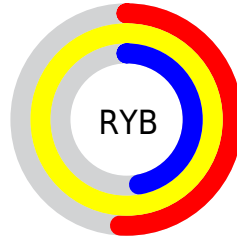
Distribution



Red (100%)

Green (96%)

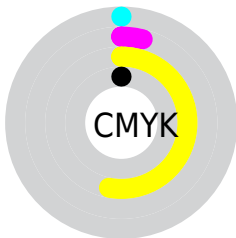
Blue (47%)



Red (51%)

Yellow (100%)

Blue (47%)

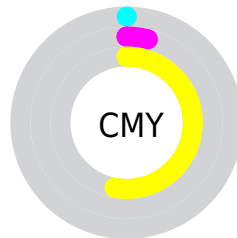


Cyan (0%)

Magenta (4%)

Yellow (53%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 254, 245, 120 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 254, 245, 120 by changing the saturation by 10% instead.

 254, 245, 120

255, 255, 255

 255, 255, 175

 255, 255, 204

 255, 255, 233

 254, 245, 120

 224, 217, 93

 195, 189, 66

 166, 162, 37

 138, 136, 0

 110, 111, 0

 84, 87, 0

 57, 64, 0

 32, 42, 0

 0, 23, 0

■ 254, 245, 120

■ 254, 245, 120

■ 254, 243, 95

■ 254, 247, 145

■ 254, 242, 69

■ 254, 248, 171

■ 254, 240, 44

■ 254, 250, 196

■ 254, 238, 18

■ 254, 252, 222

■ 254, 237, 0

■ 254, 254, 247

254, 255, 255

Harmonies

Analogous

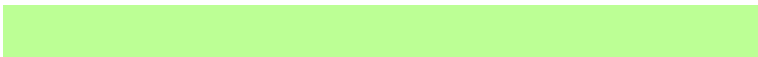
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 225, 126



254, 245, 120



188, 255, 149

Triad

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



254, 245, 120



0, 255, 255



255, 197, 255

Complementary

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



254, 245, 120



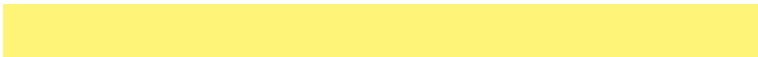
120, 129, 254

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, 216, 255



254, 245, 120



0, 255, 255

Square

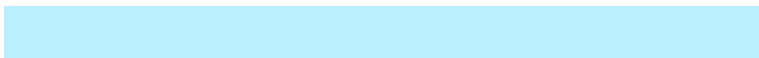
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



254, 245, 120



0, 255, 255



186, 239, 255



255, 191, 219

Rectangle

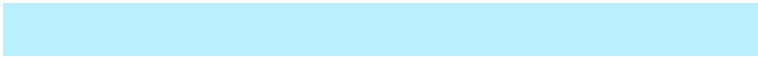
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



254, 245, 120



135, 255, 182



186, 239, 255



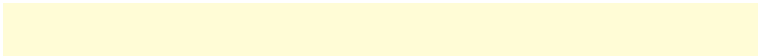
255, 202, 255

Sweetspot

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



254, 245, 120



255, 252, 214



254, 120, 131



128, 126, 103



0, 0, 0



128, 128, 128

Same Dimension

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



254, 245, 120



255, 244, 94



198, 254, 120



128, 127, 115



191, 178, 0



64, 59, 0

Inverse Universe

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



120, 129, 254



94, 105, 255



176, 120, 254



115, 116, 128



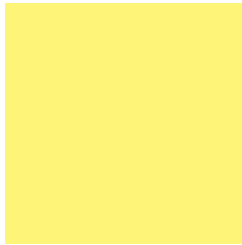
0, 13, 191



0, 4, 64

Previews

White Background



This preview shows how the RGB color 254, 245, 120 looks on a white background.

Color Contrast Check

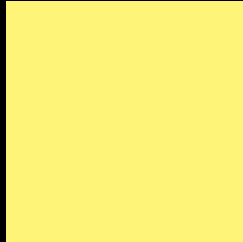
Large Text (above 18pt) WCAG AA × Fail

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 254, 245, 120 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 254, 245, 120 Background



This preview shows how black text looks on a background with the RGB color 254, 245, 120.

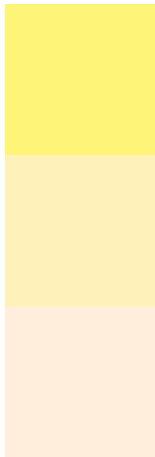


This preview shows how white text looks on a background with the RGB color 254, 245, 120.

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
254, 245, 120

Protanopia
255, 241, 186

Deuteranopia
255, 238, 220



Tritanopia

255, 236, 245

Trichromacy



Original Color
254, 245, 120



Protanomaly
255, 242, 162



Deuteranomaly
255, 241, 184

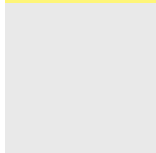


Tritanomaly
255, 239, 200

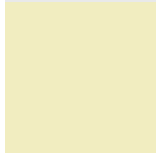
Monochromacy



Original Color
254, 245, 120



Achromatopsia
233, 233, 233



Achromatomaly
241, 237, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 254, 245, 120 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(254, 245, 120)` looks like.

```
.text, #text, p{  
    color:rgb(254, 245, 120)  
}
```

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(254, 245, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 245, 120) }
```

Border

The CSS property to change the border of an element to RGB 254, 245, 120 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(254, 245, 120) }
```

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

```
.border{ border-color:rgb(254, 245, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 245, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 245, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 245, 120);  
box-shadow:4px 4px 4px 4px rgb(254, 245,  
120) }
```

Background

The CSS property to change the background color of an element to RGB 254, 245, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 245, 120) }
```

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

```
.background{ background-color: rgb(254,  
245, 120) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor