

Converting Colors

RGB(252, 247, 145)

Have a look what the booklet for
RGB(252, 247, 145) contains.

RGB(252, 247, 145)	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(252, 247, 145)

Conversions

Conversions Part 1

Format	Color
Hex	FCF791
RGB	252, 247, 145
RGB Percent	99%, 97%, 57%
CMY	0.0118, 0.0314, 0.4314
CMYK	0.00, 0.02, 0.42, 0.01
HSL	57°, 95%, 78%
HSV	57°, 42%, 99%
XYZ	78.5165, 89.2613, 39.8790
YIQ	236.8670, 35.7220, -30.6620

Conversions

Conversions Part 2

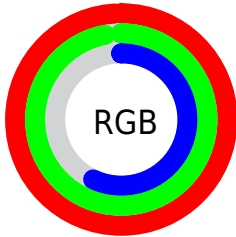
Format	Color
RYB	150, 252, 145
Decimal	16578449
CIELab	95.69, -12.27, 49.47
CIELCh	96, 50.972, 103.931
Yxy	89.2613, 0.3781, 0.4299
Android (android.graphics.Color)	4294768529 (0xFFFCF791)
YUV	236.8670, -45.2904, 13.2716
Hunter-Lab	94.4782, -16.9937, 41.1086

Details

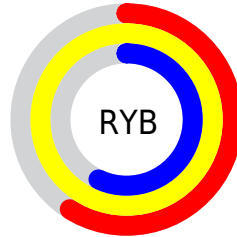
The RGB color **252, 247, 145** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **145, 150, 252**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is **255, 255, 200**, and **194, 191, 92** is the 20% darker color. If you saturate the color by 10%, you get **252, 246, 120**, and if you desaturate by 10%, it is **252, 248, 170**.

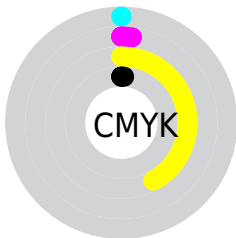
Distribution



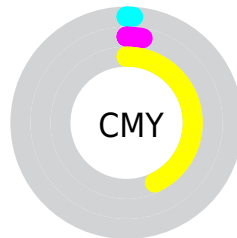
- Red (99%)
- Green (97%)
- Blue (57%)



- Red (59%)
- Yellow (99%)
- Blue (57%)



- Cyan (0%)
- Magenta (2%)
- Yellow (42%)
- Black (1%)



- Cyan (1%)
- Magenta (3%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 252, 247, 145 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 252, 247, 145 by changing the saturation by 10% instead.

 252, 247, 145

255, 255, 255

 255, 255, 200

 255, 255, 229


 252, 247, 145

 223, 219, 118

 194, 191, 92

 165, 164, 66

 138, 138, 40

 111, 112, 9

 84, 88, 0

 59, 65, 0

 34, 43, 0

 0, 24, 0

 252, 247, 145


 252, 247, 145

 252, 246, 120


 252, 248, 170

 252, 245, 95


 252, 249, 195

 252, 243, 69

 252, 251, 221

 252, 242, 44

 252, 252, 246

 252, 241, 19

 252, 253, 255

 252, 240, 0

 252, 254, 255

 252, 255, 255

Harmonies

Analogous

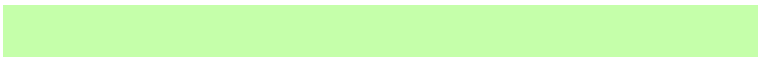
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 230, 148



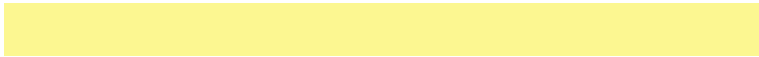
252, 247, 145



197, 255, 170

Triad

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



252, 247, 145



0, 255, 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.



252, 247, 145



145, 150, 252

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, 221, 255



252, 247, 145



119, 255, 255

Square

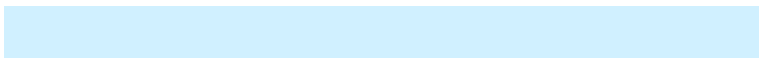
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



252, 247, 145



49, 255, 255



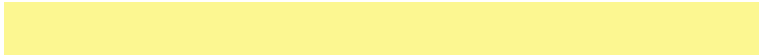
208, 240, 255



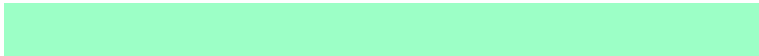
255, 204, 221

Rectangle

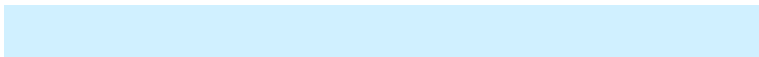
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



252, 247, 145



156, 255, 198



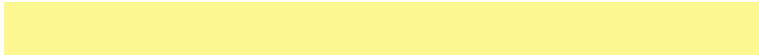
208, 240, 255



255, 211, 255

Sweetspot

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



252, 247, 145



255, 253, 222



252, 145, 150



128, 127, 107



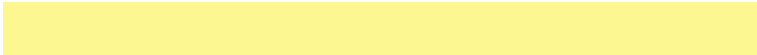
0, 0, 0



128, 128, 128

Same Dimension

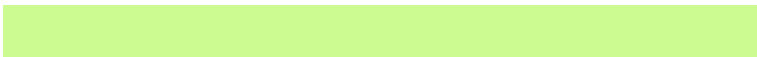
The Same Dimension uses a secret algorithm to generate beautiful new colors.



252, 247, 145



255, 249, 125



204, 252, 145



125, 124, 112



189, 180, 0



61, 58, 0

Inverse Universe

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



145, 150, 252



125, 131, 255



193, 145, 252



112, 113, 125



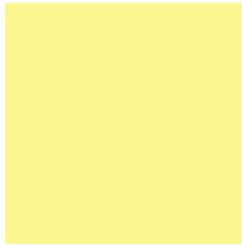
0, 9, 189



0, 3, 61

Previews

White Background



This preview shows how the RGB color 252, 247, 145 looks on a white background.

Color Contrast Check

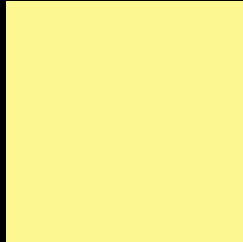
Large Text (above 18pt) WCAG AA × Fail

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 252, 247, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

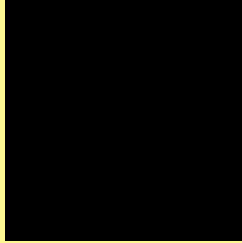
Any Text WCAG AA ✓ Pass

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 252, 247, 145 Background



This preview shows how black text looks on a background with the RGB color 252, 247, 145.

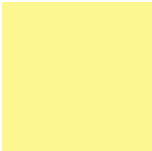
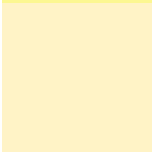


This preview shows how white text looks on a background with the RGB color 252, 247, 145.

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

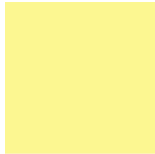
	Original Color 252, 247, 145
	Protanopia 255, 243, 198
	Deuteranopia 255, 240, 226



Tritanopia

255, 238, 248

Trichromacy



Original Color

252, 247, 145



Protanomaly

254, 244, 179



Deuteranomaly

254, 243, 197



Tritanomaly

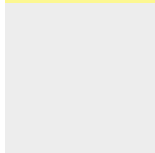
254, 241, 211

Monochromacy



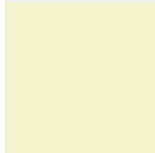
Original Color

252, 247, 145



Achromatopsia

237, 237, 237



Achromatomaly

242, 241, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 252, 247, 145 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(252, 247, 145)` looks like.

```
.text, #text, p{  
    color:rgb(252, 247, 145)  
}
```

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(252, 247, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 247, 145) }
```

Border

The CSS property to change the border of an element to RGB 252, 247, 145 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(252, 247, 145) }
```

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

```
.border{ border-color:rgb(252, 247, 145) }
```

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

Here you see how a box with a 4 pixel rgb(252, 247, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 247, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 247, 145);  
box-shadow:4px 4px 4px 4px rgb(252, 247,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 252, 247, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 247, 145) }
```

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

```
.background{ background-color: rgb(252,  
247, 145) }
```

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