Converting Colors

RGB(245, 247, 149)

Have a look what the booklet for RGB(245, 247, 149) contains.

Color

RGB(245, 247, 149)

Conversions

Conversions Part 1

Format	Color
Hex	F5F795
RGB	245, 247, 149
RGB Percent	96%, 97%, 58%
CMY	0.0392, 0.0314, 0.4157
CMYK	0.01, 0.00, 0.40, 0.03
HSL	61°, 86%, 78%
HSV	61°, 40%, 97%
XYZ	76.3418, 88.1039, 41.4159
YIQ	235.2300, 30.2660, -30.9020

Conversions

Conversions Part 2

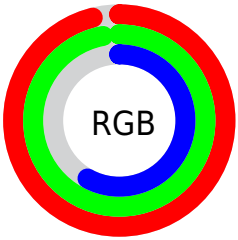
Format	Color
RYB	149, 247, 151
Decimal	16119701
CIELab	95.20, -14.55, 46.82
CIELCh	95, 49.032, 107.267
Yxy	88.1039, 0.3708, 0.4280
Android (android.graphics.Color)	4294309781 (0xFFF5F795)
YUV	235.2300, -42.5114, 8.5683
Hunter-Lab	93.8637, -19.0828, 39.5438

Details

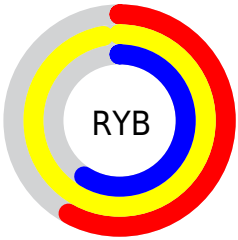
The RGB color 245, 247, 149 is a light color, and the websafe version is hex FFFF99. A complement of this color would be 151, 149, 247, and the grayscale version is 236, 236, 236.

A 20% lighter version of the original color is 255, 255, 204, and 187, 191, 96 is the 20% darker color. If you saturate the color by 10%, you get 244, 247, 124, and if you desaturate by 10%, it is 246, 247, 174.

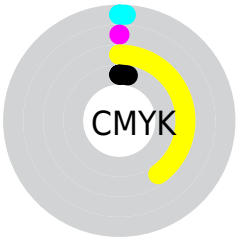
Distribution



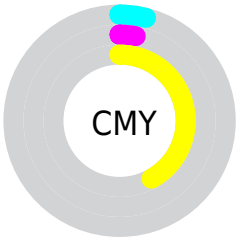
- Red (96%)
- Green (97%)
- Blue (58%)



- Red (58%)
- Yellow (97%)
- Blue (59%)



- Cyan (1%)
- Magenta (0%)
- Yellow (40%)
- Black (3%)



- Cyan (4%)
- Magenta (3%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 247, 149 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 245, 247, 149 by changing the saturation by 10% instead.

245, 247, 149

255, 255, 255

255, 255, 204

255, 255, 233

245, 247, 149

216, 219, 122

187, 191, 96

159, 164, 71

132, 138, 45

105, 112, 17

79, 88, 0

55, 65, 0

29, 43, 0

0, 24, 0

245, 247, 149

244, 247, 124

244, 247, 100

243, 247, 75

243, 247, 50

242, 247, 26

242, 247, 1

242, 247, 0

245, 247, 149

246, 247, 174

246, 247, 198

247, 247, 223

247, 247, 248

248, 247, 255

248, 247, 255

249, 247, 255

249, 247, 255

250, 247, 255

Harmonies

Analogous

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

255, 231, 149

245, 247, 149

191, 255, 175

Triad

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

245, 247, 149

49, 255, 255

255, 206, 255

Complementary

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

245, 247, 149

151, 149, 247

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, 219, 255

245, 247, 149

136, 252, 255

Square

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

245, 247, 149

59, 255, 255

217, 236, 255

255, 205, 215

Rectangle

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

245, 247, 149

151, 255, 203

217, 236, 255

255, 210, 255

Sweetspot

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

245, 247, 149

254, 255, 224

247, 151, 149

127, 128, 110

0, 0, 0

128, 128, 128

Same Dimension

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

245, 247, 149

253, 255, 133

196, 247, 149

122, 122, 110

182, 186, 0

57, 59, 0

Inverse Universe

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

151, 149, 247

135, 133, 255

200, 149, 247

110, 110, 122

4, 0, 186

1, 0, 59

Previews

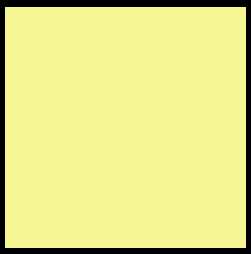
White Background

This preview shows how the RGB color 245, 247, 149 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



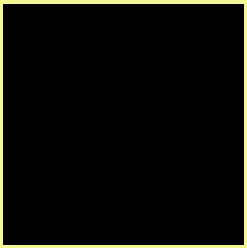
This preview shows how the RGB color 245, 247, 149 looks on a black background.

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 245, 247, 149 Background



This preview shows how black text looks on a background with the RGB color 245, 247, 149.

This preview shows how white text looks on a background with the RGB color 245, 247, 149.

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
245, 247, 149

Protanopia
255, 241, 190

Deuteranopia
255, 238, 222

Tritanopia
255, 235, 252

Trichromacy

Original Color
245, 247, 149

Protanomaly
251, 243, 175

Deuteranomaly
251, 241, 195

Tritanomaly
251, 239, 215

Monochromacy

Original Color
245, 247, 149

Achromatopsia
235, 235, 235

Achromatomaly
239, 239, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 247, 149 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(245, 247, 149) looks like.

```
.text, #text, p{
    color:rgb(245, 247, 149)
}
```

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(245, 247, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 247, 149) }
```

Border

The CSS property to change the border of an element to RGB 245, 247, 149 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(245, 247, 149) }
```

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

```
.border{ border-color:rgb(245, 247, 149) }
```

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

Here you see how a box with a 4 pixel rgb(245, 247, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 247, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 247, 149); box-shadow:4px 4px 4px 4px rgb(245, 247, 149) }
```

Background

The CSS property to change the background color of an element to RGB 245, 247, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(245, 247, 149) }
```

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

```
.background{ background-color:rgb(245,
247, 149) }
```

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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