Converting Colors

RGB(245, 247, 215)

Have a look what the booklet for RGB(245, 247, 215) contains.

Color

RGB(245, 247, 215)

Conversions

Conversions Part 1

Format	Color
Hex	F5F7D7
RGB	245, 247, 215
RGB Percent	96%, 97%, 84%
CMY	0.0392, 0.0314, 0.1569
CMYK	0.01, 0.00, 0.13, 0.03
HSL	64°, 67%, 91%
HSV	64°, 13%, 97%
XYZ	83.1827, 90.8403, 77.4397
YIQ	242.7540, 9.0800, -10.3760

Conversions

Conversions Part 2

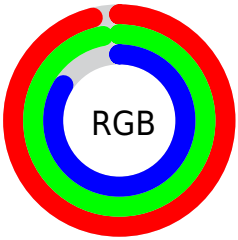
Format	Color
RYB	215, 247, 217
Decimal	16119767
CIELab	96.34, -5.98, 15.17
CIELCh	96, 16.308, 111.504
Yxy	90.8403, 0.3308, 0.3612
Android (android.graphics.Color)	4294309847 (0xFFF5F7D7)
YUV	242.7540, -13.6827, 1.9697
Hunter-Lab	95.3102, -11.0056, 18.5439

Details

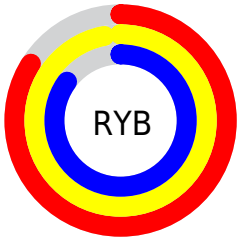
The RGB color 245, 247, 215 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 217, 215, 247, and the grayscale version is 243, 243, 243.

A 20% lighter version of the original color is 255, 255, 255, and 189, 191, 160 is the 20% darker color. If you saturate the color by 10%, you get 243, 247, 190, and if you desaturate by 10%, it is 247, 247, 240.

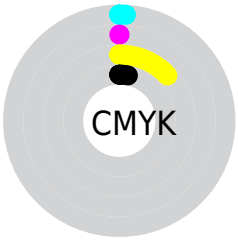
Distribution



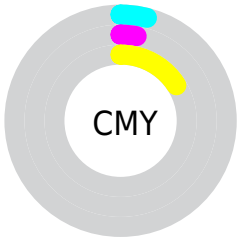
- Red (96%)
- Green (97%)
- Blue (84%)



- Red (84%)
- Yellow (97%)
- Blue (85%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (3%)



- Cyan (4%)
- Magenta (3%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 247, 215 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, 215 by changing the saturation by 10% instead.

245, 247, 215

255, 255, 255

245, 247, 215

216, 219, 187

189, 191, 160

161, 164, 134

135, 137, 109

110, 112, 84

85, 88, 61

62, 64, 39

39, 42, 18

18, 22, 0

245, 247, 215

243, 247, 190

242, 247, 166

240, 247, 141

239, 247, 116

237, 247, 92

236, 247, 67

234, 247, 42

233, 247, 17

232, 247, 0

245, 247, 215

247, 247, 240

248, 247, 255

250, 247, 255

251, 247, 255

253, 247, 255

254, 247, 255

255, 247, 255

Harmonies

Analogous

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

255, 242, 214

245, 247, 215

227, 251, 224

Triad

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

245, 247, 215

208, 251, 255

255, 234, 250

Complementary

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

245, 247, 215

217, 215, 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, 237, 255

245, 247, 215

222, 247, 255

Square

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

245, 247, 215

204, 254, 255

242, 242, 255

255, 234, 234

Rectangle

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

245, 247, 215

216, 253, 234

242, 242, 255

255, 235, 255

Sweetspot

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

245, 247, 215

254, 255, 245

247, 217, 215

127, 128, 121

0, 0, 0

128, 128, 128

Same Dimension

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

245, 247, 215

252, 255, 214

229, 247, 215

122, 122, 110

175, 186, 0

55, 59, 0

Inverse Universe

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

217, 215, 247

217, 214, 255

233, 215, 247

111, 110, 122

12, 0, 186

4, 0, 59

Previews

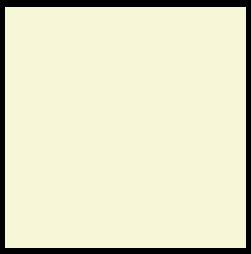
White Background

This preview shows how the RGB color 245, 247, 215 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



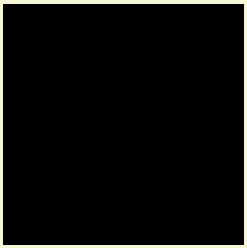
This preview shows how the RGB color 245, 247, 215 looks on a black background.

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, 215 Background



This preview shows how black text looks on a background with the RGB color 245, 247, 215.

This preview shows how white text looks on a background with the RGB color 245, 247, 215.

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, 215

Protanopia
255, 244, 216

Deuteranopia
255, 242, 237

Tritanopia
249, 242, 255

Trichromacy

Original Color
245, 247, 215

Protanomaly
251, 245, 216

Deuteranomaly
251, 244, 229

Tritanomaly
248, 244, 240

Monochromacy

Original Color
245, 247, 215

Achromatopsia
243, 243, 243

Achromatomaly
244, 244, 233

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 247, 215 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, 215) looks like.

```
.text, #text, p{
    color:rgb(245, 247, 215)
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 247, 215) }
```

Border

The CSS property to change the border of an element to RGB 245, 247, 215 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, 215) }
```

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

```
.border{ border-color:rgb(245, 247, 215) }
```

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, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 247, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 247, 215); box-shadow:4px 4px 4px 4px rgb(245, 247, 215) }
```

Background

The CSS property to change the background color of an element to RGB 245, 247, 215 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, 215) }
```

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

```
.background{ background-color:rgb(245,
247, 215) }
```

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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