Converting Colors

RGB(241, 245, 239)

Have a look what the booklet for RGB(241, 245, 239) contains.

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Color

RGB(241, 245, 239)

Conversions

Format	Color
Hex	F1F5EF
RGB	241, 245, 239
RGB Percent	95%, 96%, 94%
CMY	0.0549, 0.0392, 0.0627
CMYK	0.02, 0.00, 0.02, 0.04
HSL	100°, 23%, 95%
HSV	100°, 2%, 96%
XYZ	84.5080, 90.2376, 94.6249
YIQ	243.1200, -0.4580, -2.7140

Conversions Part 1

Conversions

Conversions Part 2

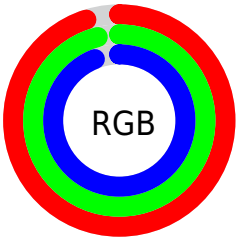
Format	Color
RYB	239, 245, 243
Decimal	15857135
CIELab	96.10, -2.38, 2.41
CIELCh	96, 3.385, 134.628
Yxy	90.2376, 0.3137, 0.3350
Android (android.graphics.Color)	4294047215 (0xFFF1F5EF)
YUV	243.1200, -2.0312, -1.8592
Hunter-Lab	94.9935, -7.4415, 7.4355

Details

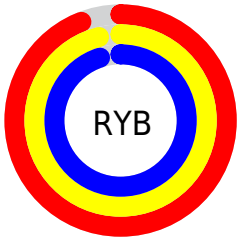
The RGB color 241, 245, 239 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 243, 239, 245, and the grayscale version is 243, 243, 243.

A 20% lighter version of the original color is 255, 255, 255, and 185, 189, 183 is the 20% darker color. If you saturate the color by 10%, you get 225, 245, 215, and if you desaturate by 10%, it is 255, 245, 255.

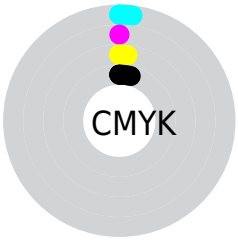
Distribution



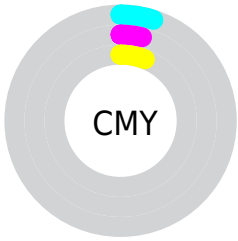
- Red (95%)
- Green (96%)
- Blue (94%)



- Red (94%)
- Yellow (96%)
- Blue (95%)



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (5%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 241, 245, 239 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 241, 245, 239 by changing the saturation by 10% instead.

241, 245, 239

255, 255, 255

241, 245, 239

213, 217, 211

185, 189, 183

158, 162, 156

132, 136, 130

107, 110, 105

83, 86, 81

60, 63, 58

38, 41, 37

17, 20, 15

241, 245, 239

225, 245, 215

208, 245, 190

192, 245, 165

176, 245, 141

159, 245, 116

143, 245, 92

127, 245, 68

110, 245, 43

94, 245, 19

241, 245, 239

255, 245, 255

Harmonies

Analogous

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

245, 244, 237

241, 245, 239

238, 246, 242

Triad

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

241, 245, 239

239, 245, 250

251, 242, 242

Complementary

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

241, 245, 239

243, 239, 245

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.

250, 242, 246

241, 245, 239

242, 243, 250

Square

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

241, 245, 239

236, 245, 248

246, 242, 248

251, 242, 239

Rectangle

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

241, 245, 239

236, 246, 244

246, 242, 248

251, 242, 243

Sweetspot

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

241, 245, 239

253, 255, 252

245, 243, 239

127, 128, 126

0, 0, 0

128, 128, 128

Same Dimension

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

241, 245, 239

250, 255, 247

239, 245, 240

119, 122, 118

62, 186, 0

20, 59, 0

Inverse Universe

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

243, 239, 245

252, 247, 255

245, 239, 244

121, 118, 122

124, 0, 186

39, 0, 59

Previews

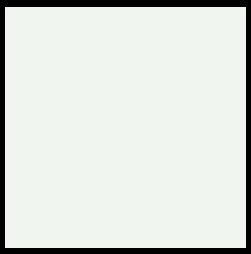
White Background

This preview shows how the RGB color 241, 245, 239 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



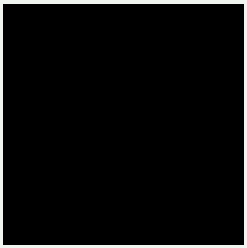
This preview shows how the RGB color 241, 245, 239 looks on a black background.

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 241, 245, 239 Background



This preview shows how black text looks on a background with the RGB color 241, 245, 239.

This preview shows how white text looks on a background with the RGB color 241, 245, 239.

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
241, 245, 239

Protanopia
249, 243, 238

Deuteranopia
255, 240, 242

Tritanopia
244, 242, 255

Trichromacy

Original Color
241, 245, 239

Protanomaly
246, 244, 238

Deuteranomaly
250, 242, 241

Tritanomaly
243, 243, 249

Monochromacy

Original Color
241, 245, 239

Achromatopsia
243, 243, 243

Achromatomaly
242, 244, 242

CSS Examples

Text

The CSS property to change the color of the text to RGB 241, 245, 239 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(241, 245, 239) looks like.

```
.text, #text, p{
    color:rgb(241, 245, 239)
}
```

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(241, 245, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 245, 239) }
```

Border

The CSS property to change the border of an element to RGB 241, 245, 239 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(241, 245, 239) }
```

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

```
.border{ border-color:rgb(241, 245, 239) }
```

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

Here you see how a box with a 4 pixel rgb(241, 245, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 245, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 245, 239); box-shadow:4px 4px 4px 4px rgb(241, 245, 239) }
```

Background

The CSS property to change the background color of an element to RGB 241, 245, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(241, 245, 239) }
```

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

```
.background{ background-color:rgb(241,
245, 239) }
```

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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