Converting Colors

RGB(240, 242, 221)

Have a look what the booklet for RGB(240, 242, 221) contains.

Color

RGB(240, 242, 221)

Conversions

Conversions Part 1

Format	Color
Hex	F0F2DD
RGB	240, 242, 221
RGB Percent	94%, 95%, 87%
CMY	0.0588, 0.0510, 0.1333
CMYK	0.01, 0.00, 0.09, 0.05
HSL	66°, 45%, 91%
HSV	66°, 9%, 95%
XYZ	80.7385, 87.2500, 80.9922
YIQ	239.0080, 5.5490, -6.9550

Conversions

Conversions Part 2

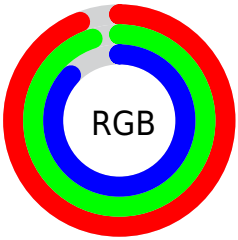
Format	Color
RYB	221, 242, 223
Decimal	15790813
CIELab	94.84, -4.24, 9.90
CIELCh	95, 10.768, 113.207
Yxy	87.2500, 0.3243, 0.3504
Android (android.graphics.Color)	4293980893 (0xFFF0F2DD)
YUV	239.0080, -8.8779, 0.8700
Hunter-Lab	93.4077, -9.1741, 13.9761

Details

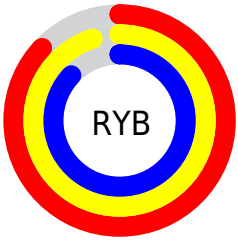
The RGB color 240, 242, 221 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 223, 221, 242, and the grayscale version is 239, 239, 239.

A 20% lighter version of the original color is 255, 255, 255, and 184, 186, 166 is the 20% darker color. If you saturate the color by 10%, you get 238, 242, 197, and if you desaturate by 10%, it is 242, 242, 245.

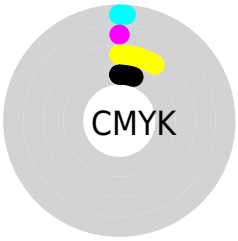
Distribution



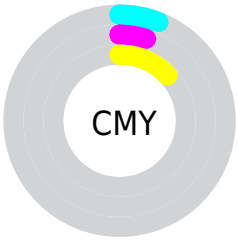
- Red (94%)
- Green (95%)
- Blue (87%)



- Red (87%)
- Yellow (95%)
- Blue (87%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (5%)



- Cyan (6%)
- Magenta (5%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 242, 221 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 240, 242, 221 by changing the saturation by 10% instead.

240, 242, 221

255, 255, 255

240, 242, 221

212, 214, 193

184, 186, 166

157, 159, 140

131, 133, 114

106, 108, 90

81, 83, 66

58, 60, 44

37, 39, 23

15, 18, 0

240, 242, 221

238, 242, 197

235, 242, 173

233, 242, 148

231, 242, 124

228, 242, 100

226, 242, 76

224, 242, 52

222, 242, 27

219, 242, 3

240, 242, 221

242, 242, 245

245, 242, 255

247, 242, 255

249, 242, 255

252, 242, 255

254, 242, 255

255, 242, 255

Harmonies

Analogous

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

252, 239, 220

240, 242, 221

228, 245, 227

Triad

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

240, 242, 221

218, 245, 255

255, 233, 243

Complementary

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

240, 242, 221

223, 221, 242

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.

252, 235, 253

240, 242, 221

227, 242, 255

Square

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

240, 242, 221

215, 246, 248

240, 238, 255

255, 234, 232

Rectangle

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

240, 242, 221

221, 246, 234

240, 238, 255

255, 234, 246

Sweetspot

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

240, 242, 221

254, 255, 247

242, 223, 221

127, 128, 122

0, 0, 0

128, 128, 128

Same Dimension

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

240, 242, 221

253, 255, 230

230, 242, 221

119, 120, 108

166, 184, 0

51, 56, 0

Inverse Universe

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

223, 221, 242

232, 230, 255

233, 221, 242

109, 108, 120

17, 0, 184

5, 0, 56

Previews

White Background

This preview shows how the RGB color 240, 242, 221 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 240, 242, 221 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 240, 242, 221 Background

This preview shows how black text looks on a background with the RGB color 240, 242, 221.

This preview shows how white text looks on a background with the RGB color 240, 242, 221.

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
240, 242, 221

Protanopia
249, 239, 220

Deuteranopia
255, 236, 232

Tritanopia
245, 237, 255

Trichromacy

Original Color
240, 242, 221

Protanomaly
246, 240, 220

Deuteranomaly
250, 238, 228

Tritanomaly
243, 239, 243

Monochromacy

Original Color
240, 242, 221

Achromatopsia
239, 239, 239

Achromatomaly
239, 240, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 242, 221 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(240, 242, 221) looks like.

```
.text, #text, p{
    color:rgb(240, 242, 221)
}
```

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(240, 242, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 242, 221) }
```

Border

The CSS property to change the border of an element to RGB 240, 242, 221 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(240, 242, 221) }
```

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

```
.border{ border-color:rgb(240, 242, 221) }
```

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

Here you see how a box with a 4 pixel rgb(240, 242, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 242, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 242, 221); box-shadow:4px 4px 4px 4px rgb(240, 242, 221) }
```

Background

The CSS property to change the background color of an element to RGB 240, 242, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(240, 242, 221) }
```

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

```
.background{ background-color:rgb(240,
242, 221) }
```

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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