Converting Colors

RYB(240, 241, 245)

Have a look what the booklet for RYB(240, 241, 245) contains.

Color

RYB(240, 241, 245)

Conversions

Format	Color
Hex	F0F1F5
RGB	240, 241, 245
RGB Percent	94%, 95%, 96%
CMY	0.0588, 0.0539, 0.0392
CMYK	0.02, 0.02, 0.00, 0.04
HSL	225°, 20%, 95%
HSV	225°, 2%, 96%
XYZ	83.9460, 88.1765, 98.9815
YIQ	241.1570, -1.8800, 1.0320

Conversions Part 1

Conversions

Conversions Part 2

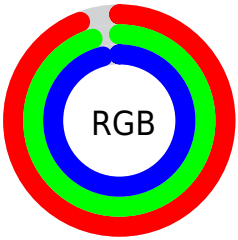
Format	Color
RYB	240, 241, 245
Decimal	15790581
CIELab	95.24, 0.26, -1.96
CIELCh	95, 1.976, 277.581
Yxy	88.1765, 0.3096, 0.3252
Android (android.graphics.Color)	4293980661 (0xFFF0F1F5)
YUV	241.1570, 1.8946, -1.0147
Hunter-Lab	93.9024, -4.7554, 3.2347

Details

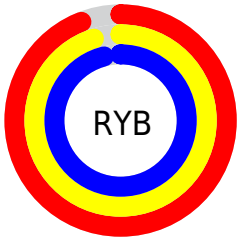
The RYB color 240, 241, 245 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 241, 245, 240, and the grayscale version is 241, 241, 241.

A 20% lighter version of the original color is 255, 255, 255, and 184, 185, 189 is the 20% darker color. If you saturate the color by 10%, you get 215, 221, 245, and if you desaturate by 10%, it is 245, 255, 245.

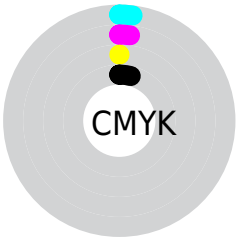
Distribution



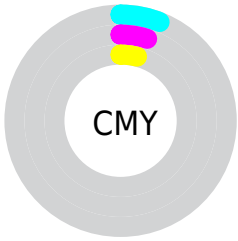
- Red (94%)
- Green (95%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 241, 245 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 RYB color 240, 241, 245 by changing the saturation by 10% instead.

240, 241, 245

255, 255, 255

240, 241, 245

212, 213, 217

184, 185, 189

157, 158, 162

131, 132, 136

106, 107, 110

82, 83, 86

59, 60, 63

37, 38, 41

16, 17, 21

240, 241, 245

215, 221, 245

191, 201, 245

166, 182, 245

142, 163, 245

118, 143, 245

93, 123, 245

68, 104, 245

44, 84, 245

19, 65, 245

240, 241, 245

245, 255, 245

Harmonies

Analogous

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

238, 241, 245

240, 241, 245

242, 241, 244

Triad

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

240, 241, 245

246, 240, 239

238, 241, 242

Complementary

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

240, 241, 245

241, 245, 240

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.

238, 242, 240

240, 241, 245

244, 244, 238

Square

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

240, 241, 245

245, 240, 241

238, 242, 237

237, 240, 242

Rectangle

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

240, 241, 245

244, 240, 243

238, 242, 237

239, 242, 242

Sweetspot

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

240, 241, 245

252, 253, 255

240, 243, 245

126, 127, 128

0, 0, 0

128, 128, 128

Same Dimension

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

240, 241, 245

250, 251, 255

241, 240, 245

120, 121, 122

0, 38, 186

0, 12, 59

Inverse Universe

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

245, 240, 241

255, 250, 251

240, 245, 241

122, 120, 121

186, 0, 47

59, 0, 15

Previews

White Background

This preview shows how the RYB color 240, 241, 245 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

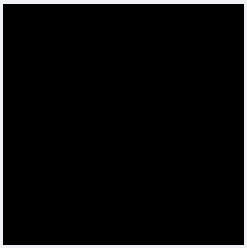
This preview shows how the RYB color 240, 241, 245 looks on a black background.

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.

RYB 240, 241, 245 Background



This preview shows how black text looks on a background with the RYB color 240, 241, 245.

This preview shows how white text looks on a background with the RYB color 240, 241, 245.

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, 241, 245

Protanopia
244, 240, 244

Deuteranopia
255, 236, 245

Tritanopia
242, 240, 255

Trichromacy

Original Color
240, 241, 245

Protanomaly
243, 240, 244

Deuteranomaly
250, 238, 245

Tritanomaly
241, 240, 251

Monochromacy

Original Color
240, 241, 245

Achromatopsia
241, 241, 241

Achromatomaly
241, 241, 242

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 241, 245 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, 241, 245) looks like.

```
.text, #text, p{
    color:rgb(240, 241, 245)
}
```

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, 241, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 241, 245) }
```

Border

The CSS property to change the border of an element to RYB 240, 241, 245 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, 241, 245) }
```

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

```
.border{ border-color:rgb(240, 241, 245) }
```

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

Here you see how a box with a 4 pixel rgb(240, 241, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 241, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 241, 245); box-shadow:4px 4px 4px 4px rgb(240, 241, 245) }
```

Background

The CSS property to change the background color of an element to RYB 240, 241, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(240, 241, 245) }
```

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

```
.background{ background-color:rgb(240,
241, 245) }
```

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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