

Converting Colors

`RYB(240, 240, 250)`

Have a look what the booklet for RYB(240, 240, 250) contains.

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Color

RYB(240, 240, 250)

Conversions

Conversions Part 1

Format	Color
Hex	F0F0FA
RGB	240, 240, 250
RGB Percent	94%, 94%, 98%
CMY	0.0588, 0.0588, 0.0196
CMYK	0.04, 0.04, 0.00, 0.02
HSL	240°, 50%, 96%
HSV	240°, 4%, 98%
XYZ	84.3506, 87.7476, 102.9337
YIQ	241.1400, -3.2100, 3.1100

Conversions

Conversions Part 2

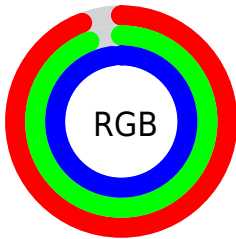
Format	Color
R _Y B	240, 240, 250
Decimal	15790330
CIE Lab	95.05, 1.81, -4.82
CIE LCh	95, 5.144, 290.589
Yxy	87.7476, 0.3067, 0.3190
Android (android.graphics.Color)	4293980410 (0xFFFF0F0FA)
YUV	241.1400, 4.3680, -0.9998
Hunter-Lab	93.6737, -3.1945, 0.4205

Details

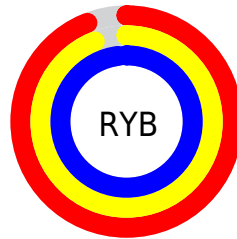
The RYB color `240, 240, 250` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `240, 250, 240`, and the grayscale version is `241, 241, 241`.

A 20% lighter version of the original color is `255, 255, 255`, and `184, 184, 194` is the 20% darker color. If you saturate the color by 10%, you get `215, 215, 250`, and if you desaturate by 10%, it is `250, 255, 250`.

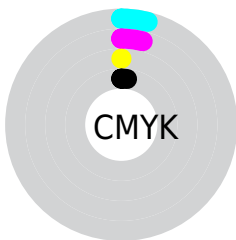
Distribution



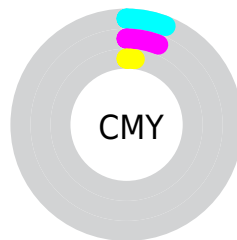
- Red (94%)
- Green (94%)
- Blue (98%)



- Red (94%)
- Yellow (94%)
- Blue (98%)



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



- Cyan (6%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 240, 250 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, 240, 250 by changing the saturation by 10% instead.

 240, 240, 250

255, 255, 255

 240, 240, 250

 212, 212, 221

 184, 184, 194

 157, 157, 166


 131, 131, 140

 106, 106, 115

 82, 82, 90

 59, 59, 67

 37, 37, 45


 16, 16, 24


 240, 240, 250


 240, 240, 250


 215, 215, 250

 250, 255, 250

 190, 190, 250

 165, 165, 250

 140, 140, 250

 115, 115, 250

 90, 90, 250

 65, 65, 250

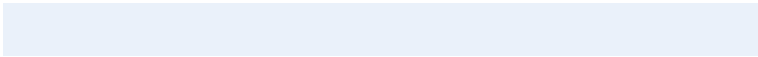
 40, 40, 250

 15, 15, 250

Harmonies

Analogous

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



234, 239, 250



240, 240, 250



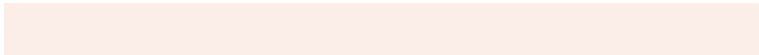
246, 239, 247

Triad

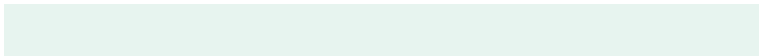
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240, 240, 250



251, 240, 233



231, 239, 244

Complementary

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



240, 240, 250



240, 250, 240

Split Complementary

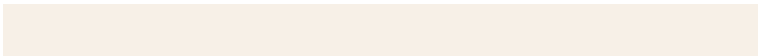
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234, 243, 242



240, 240, 250



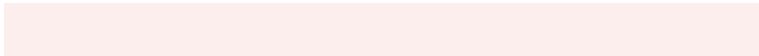
243, 247, 231

Square

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



240, 240, 250



252, 238, 237



231, 241, 231



229, 237, 244

Rectangle

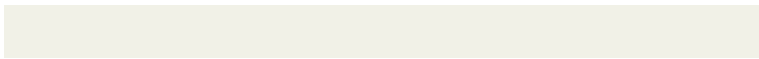
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



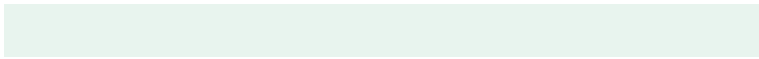
240, 240, 250



249, 238, 244



231, 241, 231



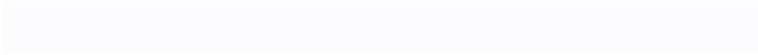
232, 240, 244

Sweetspot

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



240, 240, 250



252, 252, 255



240, 245, 250



126, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



240, 240, 250



242, 242, 255



245, 240, 250



117, 117, 125



0, 0, 189



0, 0, 61

Inverse Universe

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



250, 240, 250



255, 242, 255



240, 250, 245



125, 117, 125



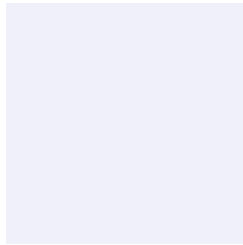
189, 0, 189



61, 0, 61

Previews

White Background



This preview shows how the RYB color 240, 240, 250 looks on a white background.

Color Contrast Check

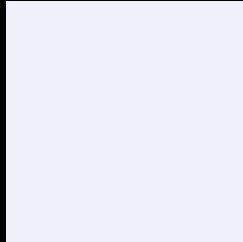
Large Text (above 18pt) WCAG AA × Fail

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, 240, 250 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

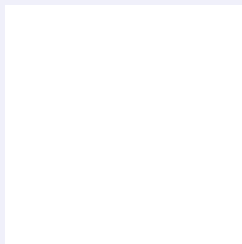
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 240, 240, 250 Background



This preview shows how black text looks on a background with the RYB color 240, 240, 250.

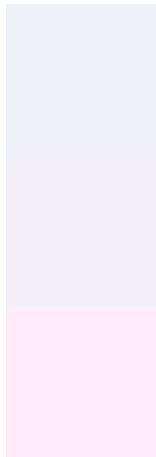


This preview shows how white text looks on a background with the RYB color 240, 240, 250.

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, 240, 250

Protanopia
242, 239, 250

Deuteranopia
255, 235, 249



Tritanopia

241, 239, 255

Trichromacy



Original Color

240, 240, 250

Protanomaly

241, 239, 250

Deuteranomaly

250, 237, 249

Tritanomaly

241, 239, 253

Monochromacy



Original Color

240, 240, 250

Achromatopsia

241, 241, 241

Achromatomaly

241, 241, 244

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 240, 250 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, 240, 250) looks like.

```
.text, #text, p{  
    color:rgb(240, 240, 250)  
}
```

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, 240, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 240, 250) }
```

Border

The CSS property to change the border of an element to RYB 240, 240, 250 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, 240, 250) }
```

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

```
.border{ border-color:rgb(240, 240, 250) }
```

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

Here you see how a box with a 4 pixel rgb(240, 240, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 240, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 240, 250);  
box-shadow:4px 4px 4px 4px rgb(240, 240,  
250) }
```

Background

The CSS property to change the background color of an element to RYB 240, 240, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 240, 250) }
```

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

```
.background{ background-color: rgb(240,  
240, 250) }
```

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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