

Converting Colors

`RYB(240, 241, 241)`

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

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Color

R_YB(240, 241, 241)

Conversions

Conversions Part 1

Format	Color
Hex	F0F1F0
RGB	240, 241, 240
RGB Percent	94%, 95%, 94%
CMY	0.0588, 0.0549, 0.0588
CMYK	0.00, 0.00, 0.00, 0.05
HSL	120°, 3%, 94%
HSV	120°, 0%, 95%
XYZ	83.1187, 87.7271, 94.9903
YIQ	240.5870, -0.2750, -0.5230

Conversions

Conversions Part 2

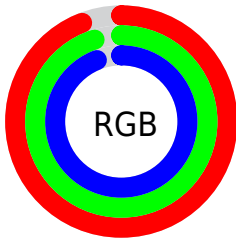
Format	Color
R_{YB}	240, 241, 241
Decimal	15790576
CIE _{Lab}	95.05, -0.50, 0.35
CIE _{LCh}	95, 0.617, 144.900
Yxy	87.7271, 0.3127, 0.3300
Android (android.graphics.Color)	4293980656 (0xFFFF0F1F0)
YUV	240.5870, -0.2894, -0.5148
Hunter-Lab	93.6628, -5.5045, 5.4336

Details

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

A 20% lighter version of the original color is `255, 255, 255`, and `184, 185, 185` is the 20% darker color. If you saturate the color by 10%, you get `216, 241, 241`, and if you desaturate by 10%, it is `255, 241, 255`.

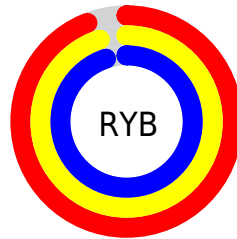
Distribution



Red (94%)

Green (95%)

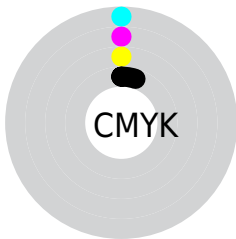
Blue (94%)



Red (94%)

Yellow (95%)

Blue (95%)

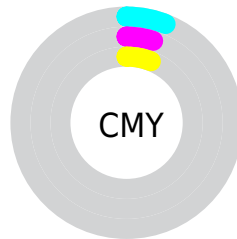


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (6%)

Magenta (5%)

Yellow (6%)

Brightness & Saturation Gradients

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

■ 240, 241, 241

255, 255, 255

■ 240, 241, 241

■ 212, 213, 213

■ 184, 185, 185

■ 157, 158, 158

■ 131, 132, 132

■ 106, 107, 107

■ 82, 83, 83

■ 59, 60, 60

■ 37, 38, 38

■ 16, 17, 17

 240, 241, 241

 240, 241, 241

 216, 241, 241

 255, 241, 255

 192, 241, 241

 168, 241, 241

 144, 241, 241

 119, 241, 241

 95, 241, 241

 71, 241, 241

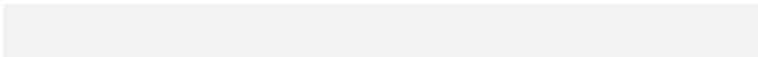
 47, 241, 241

 23, 241, 241

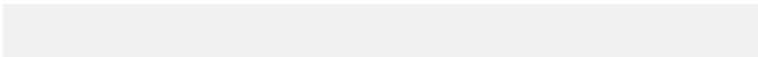
Harmonies

Analogous

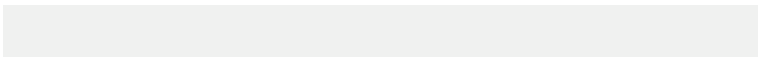
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240, 241, 240



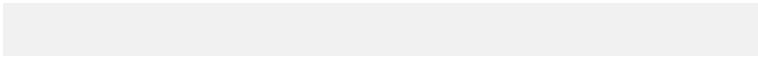
240, 241, 241



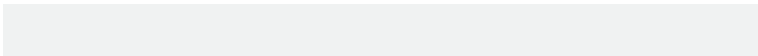
240, 241, 241

Triad

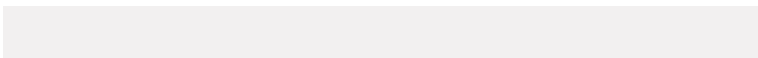
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240, 241, 241



240, 241, 242



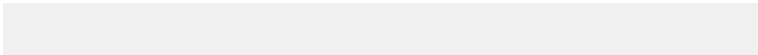
242, 240, 240

Complementary

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



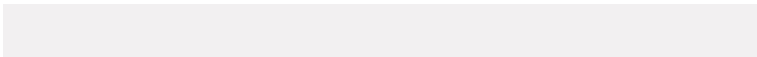
240, 241, 241



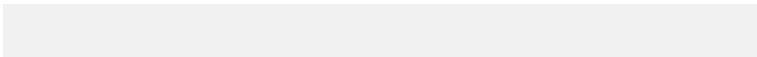
241, 240, 241

Split Complementary

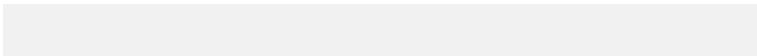
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242, 240, 241



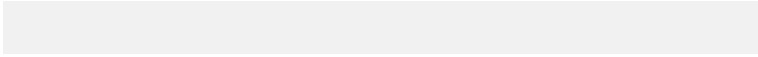
240, 241, 241



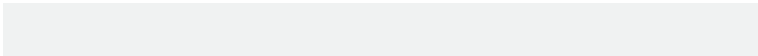
241, 241, 242

Square

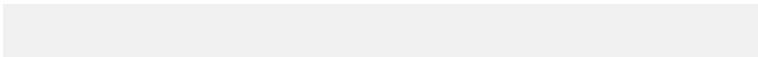
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



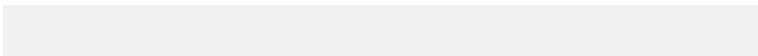
240, 241, 241



240, 241, 242



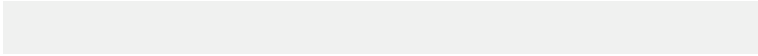
241, 240, 241



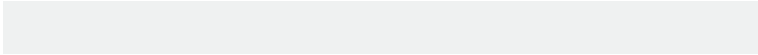
242, 240, 240

Rectangle

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



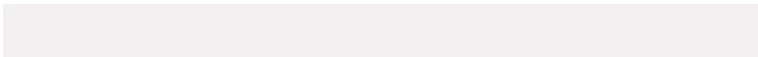
240, 241, 241



239, 240, 241



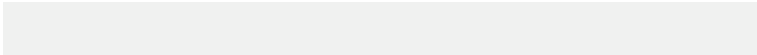
241, 240, 241



242, 240, 240

Sweetspot

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



240, 241, 241

255, 255, 255



240, 241, 240



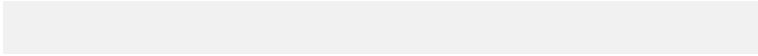
128, 128, 128



0, 0, 0

Same Dimension

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



240, 241, 241

255, 255, 255



120, 120, 120



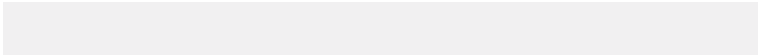
0, 184, 184



0, 56, 56

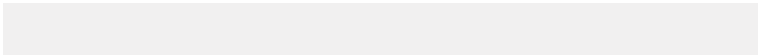
Inverse Universe

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



241, 240, 241

255, 255, 255



241, 240, 240



120, 120, 120



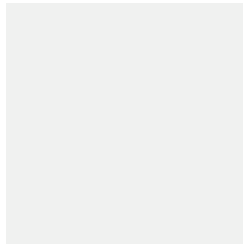
184, 0, 184



56, 0, 56

Previews

White Background



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

Color Contrast Check

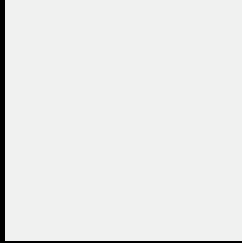
Large Text (above 18pt) WCAG AA × Fail

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, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

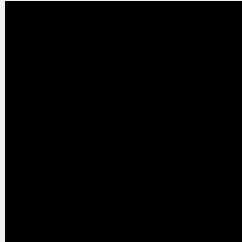
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

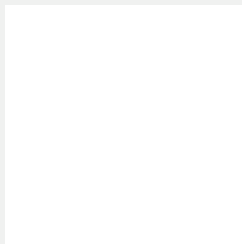
Any Text WCAG AAA ✓ Pass

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

RYB 240, 241, 241 Background



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

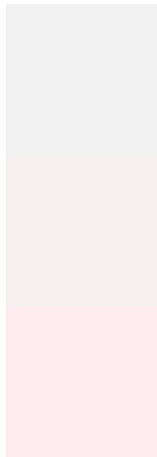


This preview shows how white text looks on a background with the RYB color 240, 241, 241.

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, 241

Protanopia
245, 239, 239

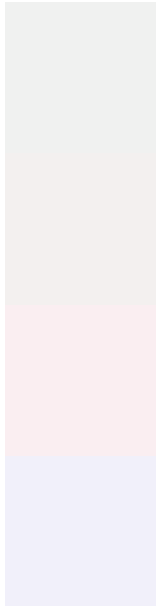
Deuteranopia
255, 236, 241



Tritanopia

242, 239, 255

Trichromacy



Original Color

240, 241, 241

Protanomaly

243, 240, 239

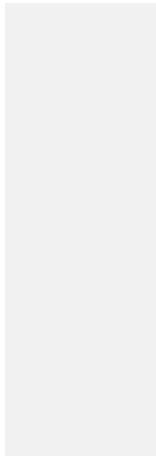
Deuteranomaly

250, 238, 241

Tritanomaly

241, 240, 250

Monochromacy



Original Color

240, 241, 241

Achromatopsia

241, 241, 241

Achromatomaly

241, 241, 241

CSS Examples

Text

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

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

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, 240) colored shadow looks like.

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

Border

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

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

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

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, 240)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to RGB 240, 241, 241 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, 240) }
```

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

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

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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