

# Converting Colors

`RYB(243, 241, 245)`

Have a look what the booklet for RYB(243, 241, 245) contains.

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# **Color**

**R<sub>Y</sub>B(243, 241, 245)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3F1F5
RGB	243, 241, 245
RGB Percent	95%, 95%, 96%
CMY	0.0471, 0.0549, 0.0392
CMYK	0.01, 0.02, 0.00, 0.04
HSL	270°, 17%, 95%
HSV	270°, 2%, 96%
XYZ	84.8989, 88.5579, 99.0049
YIQ	242.0540, -0.0920, 1.6680

# Conversions

## Conversions Part 2

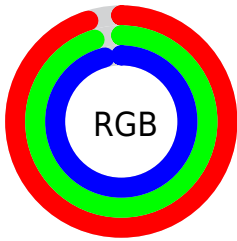
Format	Color
R <sub>Y</sub> B	243, 241, 245
Decimal	15987189
CIE Lab	95.40, 1.38, -1.70
CIE LCh	95, 2.188, 309.077
Yxy	88.5579, 0.3116, 0.3250
Android (android.graphics.Color)	4294177269 (0xFFFF3F1F5)
YUV	242.0540, 1.4524, 0.8296
Hunter-Lab	94.1052, -3.6467, 3.4966

# Details

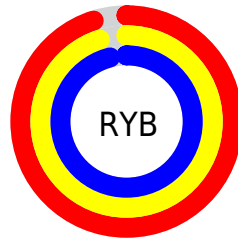
The RYB color **243, 241, 245** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **241, 245, 243**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is **255, 255, 255**, and **187, 185, 189** is the 20% darker color. If you saturate the color by 10%, you get **231, 217, 245**, and if you desaturate by 10%, it is **245, 255, 245**.

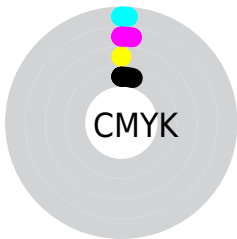
# Distribution



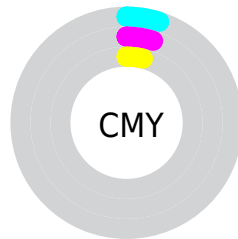
- Red (95%)
- Green (95%)
- Blue (96%)



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



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



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

# Brightness & Saturation Gradients

These gradients show how the RYB color 243, 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 243, 241, 245 by changing the saturation by 10% instead.



■ 243, 241, 245

255, 255, 255

■ 243, 241, 245

■ 215, 213, 217

■ 187, 185, 189

■ 160, 158, 162

■ 134, 132, 136

■ 109, 107, 110

■ 84, 83, 86


■ 61, 60, 63

■ 39, 38, 41

■ 19, 17, 21

 243, 241, 245


 243, 241, 245


 231, 217, 245


 245, 255, 245

 218, 192, 245

 206, 168, 245


 194, 143, 245

 182, 118, 245

 169, 94, 245

 157, 69, 245

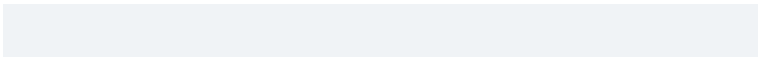
 145, 45, 245

 133, 20, 245

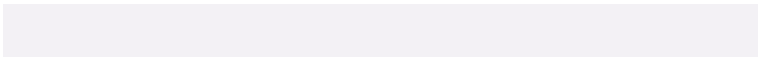
# Harmonies

## Analogous

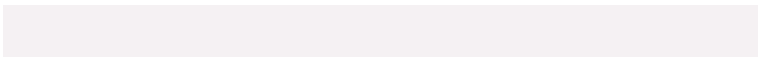
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240, 242, 246



243, 241, 245



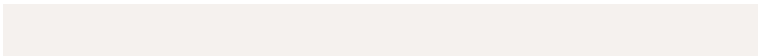
245, 241, 243

# Triad

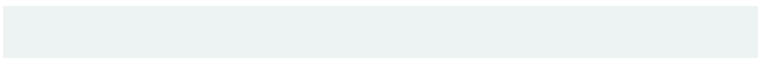
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243, 241, 245



245, 243, 238



237, 240, 243

# Complementary

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



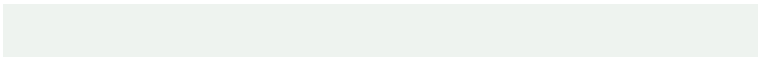
243, 241, 245



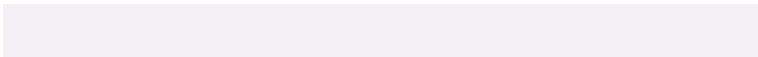
241, 245, 243

# 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, 243



243, 241, 245



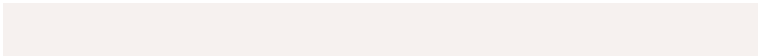
239, 243, 238

# Square

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



243, 241, 245



246, 242, 239



238, 242, 240



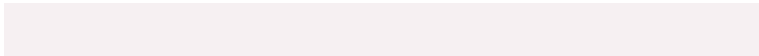
237, 240, 244

# Rectangle

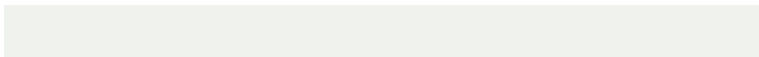
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



243, 241, 245



246, 240, 242



238, 242, 240



237, 240, 243



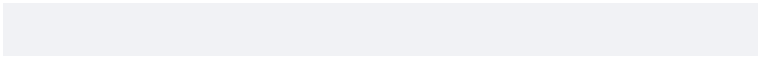
# Sweetspot

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



243, 241, 245

255, 255, 255



241, 242, 245



128, 128, 128



0, 0, 0

# Same Dimension

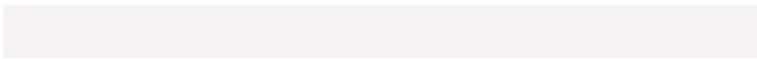
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243, 241, 245



252, 250, 255



245, 241, 245



121, 120, 122



93, 0, 186



29, 0, 59



# Inverse Universe

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



245, 241, 243



255, 250, 252



241, 245, 245



122, 120, 121



186, 0, 93

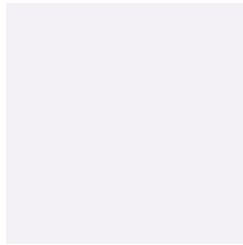


59, 0, 29



# Previews

## White Background



This preview shows how the RYB color 243, 241, 245 looks on a white background.

## Color Contrast Check

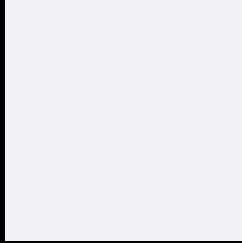
Large Text (above 18pt) WCAG AA × Fail

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 243, 241, 245 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

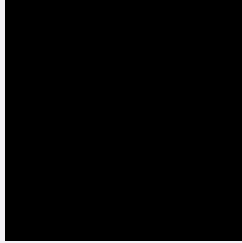
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

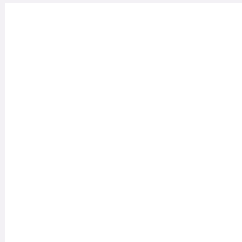
Any Text WCAG AAA ✓ Pass

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

## RYB 243, 241, 245 Background



This preview shows how black text looks on a background with the RYB color 243, 241, 245.



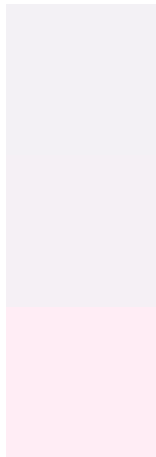
This preview shows how white text looks on a background with the RYB color 243, 241, 245.



# 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**  
243, 241, 245

**Protanopia**  
245, 240, 245

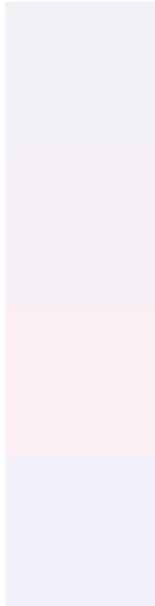
**Deuteranopia**  
255, 237, 245



# Tritanopia

244, 239, 255

# Trichromacy



## Original Color

243, 241, 245

## Protanomaly

244, 240, 245

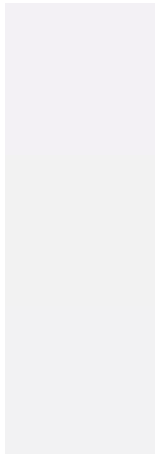
## Deuteranomaly

251, 238, 245

## Tritanomaly

244, 240, 251

# Monochromacy



## Original Color

243, 241, 245

## Achromatopsia

242, 242, 242

## Achromatomaly

242, 242, 243

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 243, 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(243, 241, 245) looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 241, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 241, 245) }
```

## Border

The CSS property to change the border of an element to RYB 243, 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(243, 241, 245) }
```

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

```
.border{ border-color:rgb(243, 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(243, 241, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 241, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 241, 245);  
box-shadow:4px 4px 4px 4px rgb(243, 241,  
245) }
```

# Background

The CSS property to change the background color of an element to RYB 243, 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(243, 241, 245) }
```

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

```
.background{ background-color: rgb(243,  
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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