

Converting Colors

`RYB(250, 245, 249)`

Have a look what the booklet for RYB(250, 245, 249) contains.

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Color

R_YB(250, 245, 249)

Conversions

Conversions Part 1

Format	Color
Hex	FAF5F9
RGB	250, 245, 249
RGB Percent	98%, 96%, 98%
CMY	0.0196, 0.0392, 0.0235
CMYK	0.00, 0.02, 0.00, 0.02
HSL	312°, 33%, 97%
HSV	312°, 2%, 98%
XYZ	89.1756, 92.4684, 102.7707
YIQ	246.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

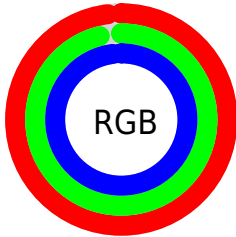
Format	Color
R _Y B	250, 245, 249
Decimal	16446969
CIE Lab	97.01, 2.37, -1.34
CIE LCh	97, 2.719, 330.519
Yxy	92.4684, 0.3135, 0.3251
Android (android.graphics.Color)	4294637049 (0xFFFAF5F9)
YUV	246.9510, 1.0102, 2.6740
Hunter-Lab	96.1605, -2.7466, 3.9467

Details

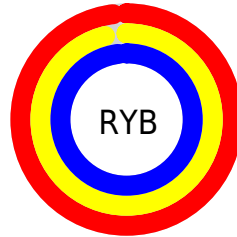
The RYB color 250, 245, 249 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 245, 249, 250, and the grayscale version is 247, 247, 247.

A 20% lighter version of the original color is 255, 255, 255, and 194, 189, 193 is the 20% darker color. If you saturate the color by 10%, you get 250, 220, 244, and if you desaturate by 10%, it is 250, 253, 255.

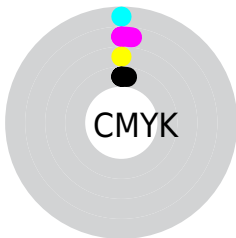
Distribution



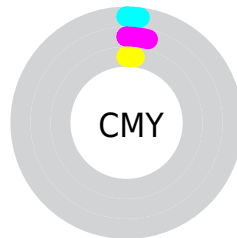
- Red (98%)
- Green (96%)
- Blue (98%)



- Red (98%)
- Yellow (96%)
- Blue (98%)



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 245, 249 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 250, 245, 249 by changing the saturation by 10% instead.

 250, 245, 249


255, 255, 255

 250, 245, 249

 221, 217, 220

 194, 189, 193

 166, 162, 165

 140, 136, 139

 115, 110, 114

 90, 86, 89

 67, 63, 66

 45, 41, 44


 24, 20, 23

 250, 245, 249


 250, 245, 249


 250, 220, 244


 250, 253, 255

 250, 195, 239


 250, 253, 255

 250, 170, 234


 250, 145, 229

 250, 120, 224

 250, 95, 219

 250, 70, 214

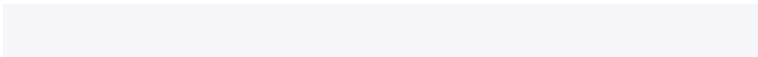
 250, 45, 209

 250, 20, 204

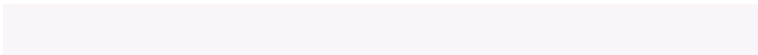
Harmonies

Analogous

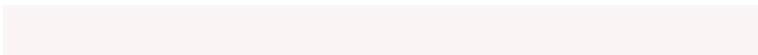
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247, 246, 251



250, 245, 249



252, 245, 246

Triad

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



250, 245, 249



246, 249, 241



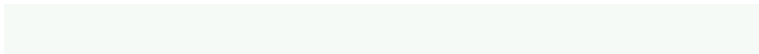
240, 244, 249

Complementary

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



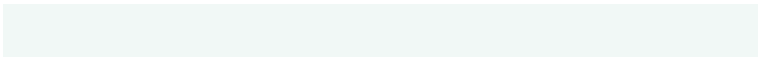
250, 245, 249



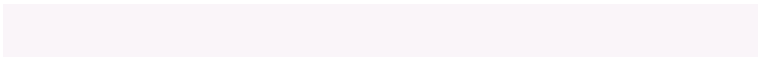
245, 249, 250

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.



241, 245, 248



250, 245, 249



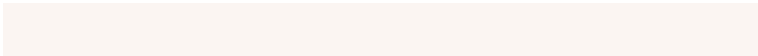
242, 247, 243

Square

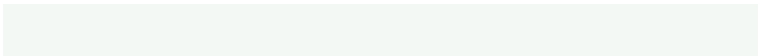
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



250, 245, 249



251, 247, 242



243, 247, 248



241, 245, 251

Rectangle

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



250, 245, 249



252, 245, 245



243, 247, 248



240, 244, 248

Sweetspot

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



250, 245, 249



255, 252, 254



246, 245, 250



128, 126, 127



0, 0, 0



128, 128, 128

Same Dimension

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



250, 245, 249



255, 250, 254



250, 245, 247



125, 122, 124



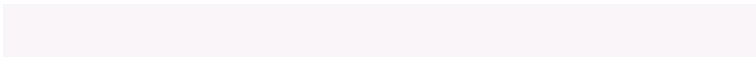
189, 0, 151



61, 0, 49

Inverse Universe

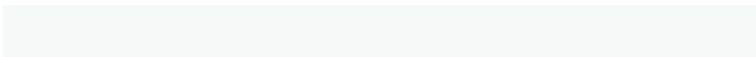
The Inverse Universe completely reimagines the original color for something new.



250, 245, 249



255, 250, 254



245, 248, 250



125, 122, 124



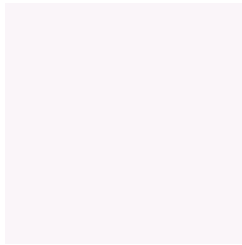
189, 0, 151



61, 0, 49

Previews

White Background



This preview shows how the RYB color 250, 245, 249 looks on a white background.

Color Contrast Check

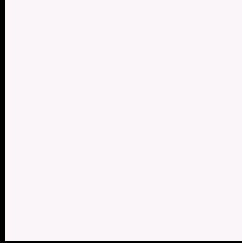
Large Text (above 18pt) WCAG AA × Fail

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 250, 245, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

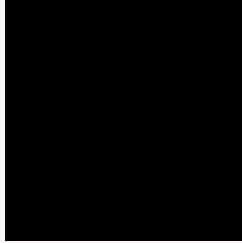
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

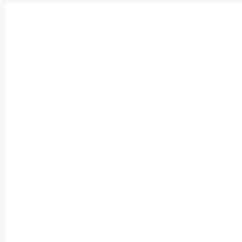
Any Text WCAG AAA ✓ Pass

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

RYB 250, 245, 249 Background



This preview shows how black text looks on a background with the RYB color 250, 245, 249.



This preview shows how white text looks on a background with the RYB color 250, 245, 249.

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
[250, 245, 249](#)

Protanopia
[250, 245, 249](#)

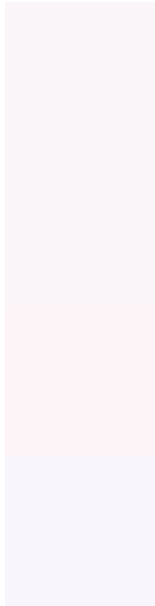
Deuteranopia
[255, 243, 248](#)



Tritanopia

249, 245, 255

Trichromacy



Original Color

250, 245, 249

Protanomaly

250, 245, 249

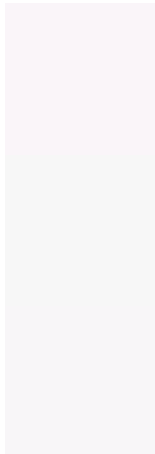
Deuteranomaly

253, 244, 248

Tritanomaly

249, 245, 253

Monochromacy



Original Color

250, 245, 249

Achromatopsia

247, 247, 247

Achromatomaly

248, 246, 248

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 245, 249 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(250, 245, 249) looks like.

```
.text, #text, p{  
    color:rgb(250, 245, 249)  
}
```

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(250, 245, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 245, 249) }
```

Border

The CSS property to change the border of an element to RYB 250, 245, 249 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(250, 245, 249) }
```

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

```
.border{ border-color:rgb(250, 245, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 245, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 245, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 245, 249);  
box-shadow:4px 4px 4px 4px rgb(250, 245,  
249) }
```

Background

The CSS property to change the background color of an element to RYB 250, 245, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 245, 249) }
```

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

```
.background{ background-color: rgb(250,  
245, 249) }
```

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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