

Converting Colors

`RYB(245, 250, 249)`

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

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Color

R_YB(245, 250, 249)

Conversions

Conversions Part 1

Format	Color
Hex	F6FAF5
RGB	246, 250, 245
RGB Percent	96%, 98%, 96%
CMY	0.0353, 0.0196, 0.0392
CMYK	0.02, 0.00, 0.02, 0.02
HSL	108°, 33%, 97%
HSV	108°, 2%, 98%
XYZ	88.6731, 94.5566, 99.9639
YIQ	248.2340, -0.7790, -2.4030

Conversions

Conversions Part 2

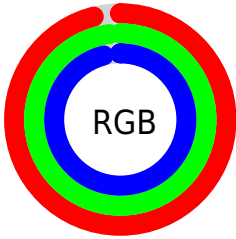
Format	Color
R _Y B	245, 250, 249
Decimal	16186101
CIE Lab	97.86, -2.19, 1.92
CIE LCh	98, 2.916, 138.808
Yxy	94.5566, 0.3131, 0.3339
Android (android.graphics.Color)	4294376181 (0xFFFF6FAF5)
YUV	248.2340, -1.5944, -1.9592
Hunter-Lab	97.2402, -7.3968, 7.1175

Details

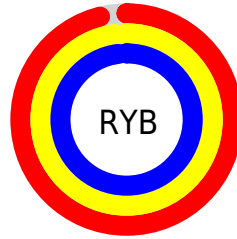
The RYB color 245, 250, 249 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 249, 245, 250, and the grayscale version is 248, 248, 248.

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

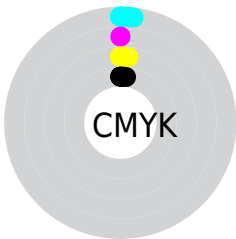
Distribution



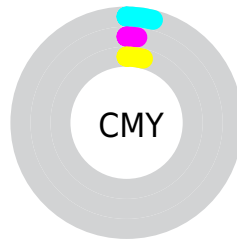
- Red (96%)
- Green (98%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

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


 245, 250, 249

 245, 250, 249

255, 255, 255

 217, 221, 220

 189, 194, 193


 162, 166, 165


 136, 140, 140

 110, 115, 114

 86, 90, 89

 63, 67, 66

 41, 45, 44

 21, 24, 24

 245, 250, 249

 245, 250, 249

 220, 250, 244

 255, 250, 255

 195, 250, 239

 170, 250, 234

 145, 250, 229

 120, 250, 224

 95, 250, 219

 70, 250, 214

 45, 250, 209

 20, 250, 204

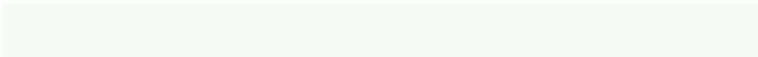
Harmonies

Analogous

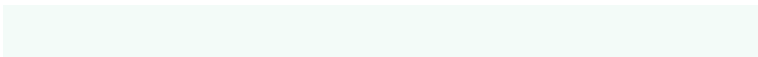
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243, 249, 243



245, 250, 249



243, 248, 251

Triad

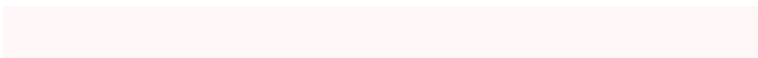
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245, 250, 249



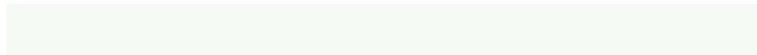
245, 248, 254



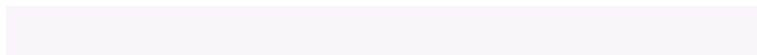
255, 247, 247

Complementary

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



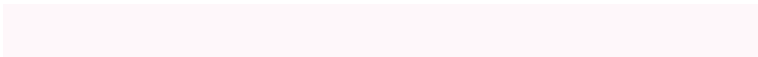
245, 250, 249



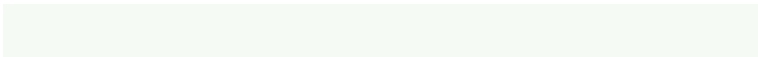
249, 245, 250

Split Complementary

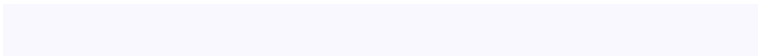
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



254, 247, 250



245, 250, 249



248, 248, 254

Square

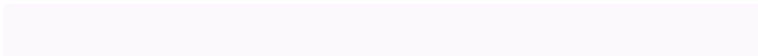
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



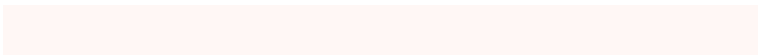
245, 250, 249



243, 247, 253



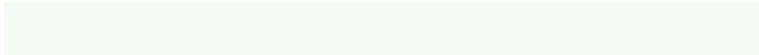
252, 248, 253



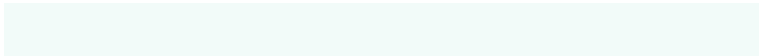
255, 248, 245

Rectangle

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



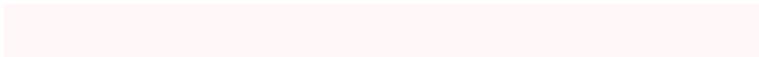
245, 250, 249



242, 247, 251



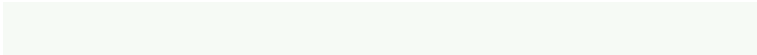
252, 248, 253



255, 247, 248

Sweetspot

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



245, 250, 249



252, 255, 254



246, 250, 245



126, 128, 128



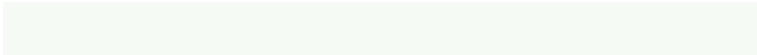
0, 0, 0



128, 128, 128

Same Dimension

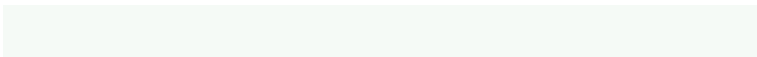
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245, 250, 249



250, 255, 254



245, 249, 250



122, 125, 124



0, 189, 151



0, 61, 49

Inverse Universe

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



249, 245, 250



254, 250, 255



250, 245, 249



124, 122, 125



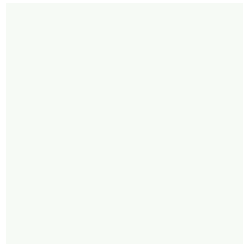
151, 0, 189



49, 0, 61

Previews

White Background



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

Color Contrast Check

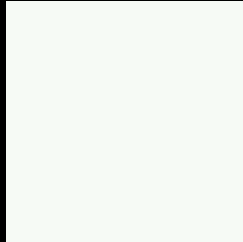
Large Text (above 18pt) WCAG AA × Fail

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 245, 250, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

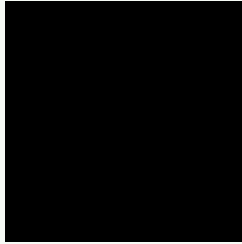
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

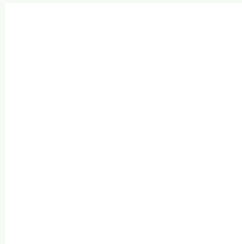
Any Text WCAG AAA ✓ Pass

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

RYB 245, 250, 249 Background



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

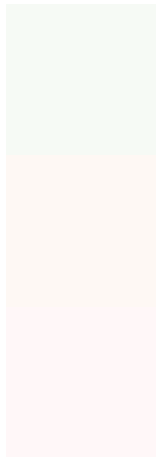


This preview shows how white text looks on a background with the RYB color 245, 250, 249.

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
245, 250, 249

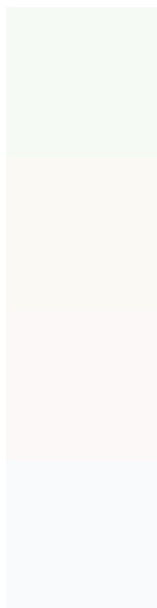
Protanopia
254, 251, 244

Deuteranopia
255, 247, 248

Tritanopia

249, 248, 255

Trichromacy



Original Color

245, 250, 249

Protanomaly

247, 251, 244

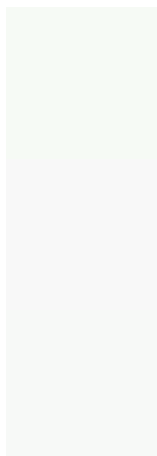
Deuteranomaly

252, 248, 247

Tritanomaly

248, 249, 251

Monochromacy



Original Color

245, 250, 249

Achromatopsia

248, 248, 248

Achromatomaly

247, 249, 249

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 250, 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(246, 250, 245) looks like.

```
.text, #text, p{  
    color:rgb(246, 250, 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(246, 250, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 250, 245) }
```

Border

The CSS property to change the border of an element to RYB 245, 250, 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(246, 250, 245) }
```

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

```
.border{ border-color:rgb(246, 250, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 250, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 250, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 250, 245);  
box-shadow:4px 4px 4px 4px rgb(246, 250,  
245) }
```

Background

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

```
.background, #background, body{  
background: rgb(246, 250, 245) }
```

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

```
.background{ background-color: rgb(246,  
250, 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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