

Converting Colors

`RYB(250, 245, 246)`

Have a look what the booklet for RYB(250, 245, 246) contains.

RYB(250, 245, 246)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(250, 245, 246)

Conversions

Conversions Part 1

Format	Color
Hex	FAF5F6
RGB	250, 245, 246
RGB Percent	98%, 96%, 96%
CMY	0.0196, 0.0392, 0.0353
CMYK	0.00, 0.02, 0.02, 0.02
HSL	348°, 33%, 97%
HSV	348°, 2%, 98%
XYZ	88.7113, 92.2826, 100.3255
YIQ	246.6090, 2.6590, 1.3710

Conversions

Conversions Part 2

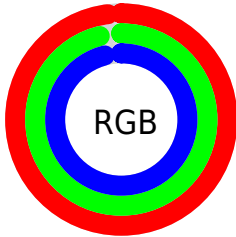
Format	Color
R_{YB}	250, 245, 246
Decimal	16446966
CIE _{Lab}	96.94, 1.84, 0.10
CIE _{LCh}	97, 1.845, 3.104
Yxy	92.2826, 0.3153, 0.3280
Android (android.graphics.Color)	4294637046 (0xFFFAF5F6)
YUV	246.6090, -0.3002, 2.9739
Hunter-Lab	96.0638, -3.2738, 5.3244

Details

The RYB color **250, 245, 246** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **245, 248, 250**, and the grayscale version is **247, 247, 247**.

A 20% lighter version of the original color is **255, 255, 255**, and **194, 189, 190** is the 20% darker color. If you saturate the color by 10%, you get **250, 220, 226**, and if you desaturate by 10%, it is **250, 253, 255**.

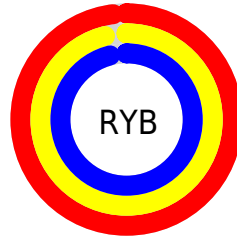
Distribution



Red (98%)

Green (96%)

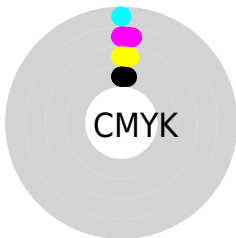
Blue (96%)



Red (98%)

Yellow (96%)

Blue (96%)

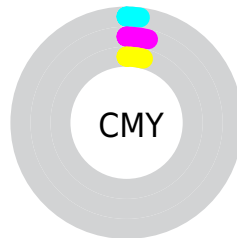


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (2%)



Cyan (2%)

Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 245, 246 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, 246 by changing the saturation by 10% instead.


 250, 245, 246


255, 255, 255

 250, 245, 246

 221, 217, 218

 194, 189, 190

 166, 162, 163

 140, 136, 136

 115, 110, 111

 90, 86, 87

 67, 63, 64


 45, 41, 42


 24, 20, 21


 250, 245, 246


 250, 245, 246


 250, 220, 226


 250, 253, 255


 250, 195, 206

 250, 170, 186

 250, 145, 166

 250, 120, 146

 250, 95, 126

 250, 70, 106

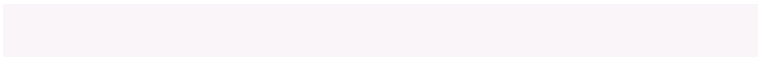
 250, 45, 86

 250, 20, 66

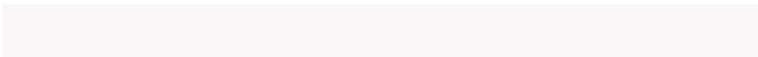
Harmonies

Analogous

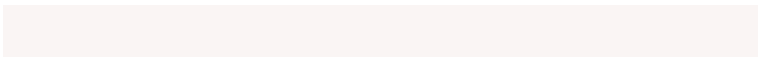
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249, 245, 248



250, 245, 246



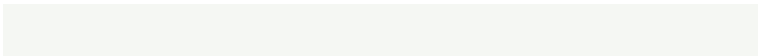
250, 245, 244

Triad

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



250, 245, 246



243, 247, 245



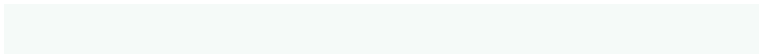
243, 245, 249

Complementary

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



250, 245, 246



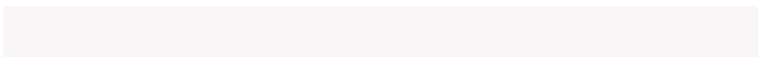
245, 248, 250

Split Complementary

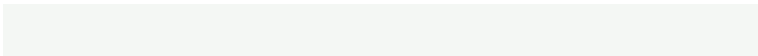
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242, 245, 248



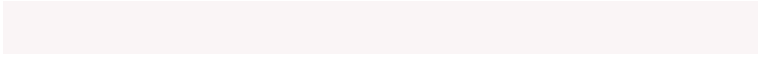
250, 245, 246



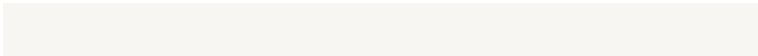
244, 247, 247

Square

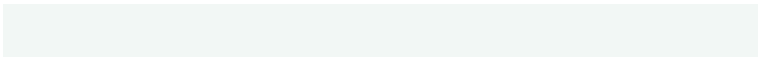
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



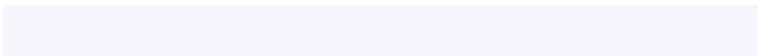
250, 245, 246



246, 248, 243



242, 245, 247



245, 246, 250

Rectangle

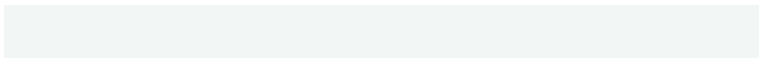
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



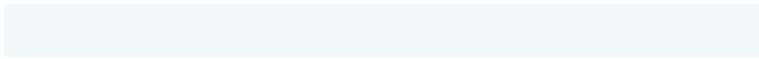
250, 245, 246



250, 246, 243



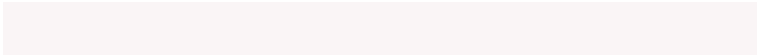
242, 245, 247



242, 245, 249

Sweetspot

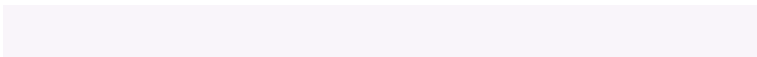
The Sweet Spot groups the original color and five complimentary colors.



250, 245, 246



255, 252, 253



249, 245, 250



128, 126, 126



0, 0, 0



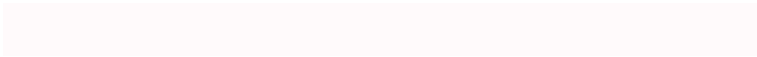
128, 128, 128

Same Dimension

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



250, 245, 246



255, 250, 251



250, 248, 245



125, 122, 123



189, 0, 38



61, 0, 12

Inverse Universe

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



250, 245, 246



255, 250, 251



245, 247, 250



125, 122, 123



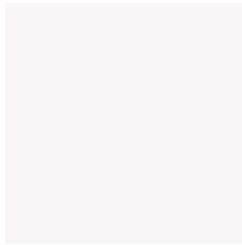
189, 0, 38



61, 0, 12

Previews

White Background



This preview shows how the RYB color 250, 245, 246 looks on a white background.

Color Contrast Check

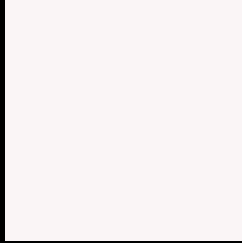
Large Text (above 18pt) WCAG AA × Fail

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, 246 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

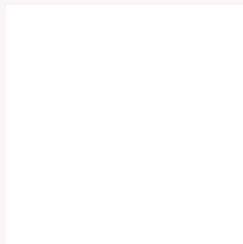
Any Text WCAG AAA ✓ Pass

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

RYB 250, 245, 246 Background



This preview shows how black text looks on a background with the RYB color 250, 245, 246.

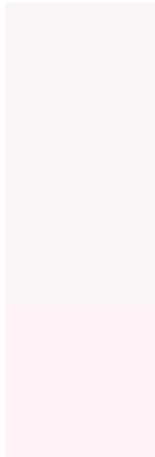


This preview shows how white text looks on a background with the RYB color 250, 245, 246.

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, 246

Protanopia
250, 245, 246

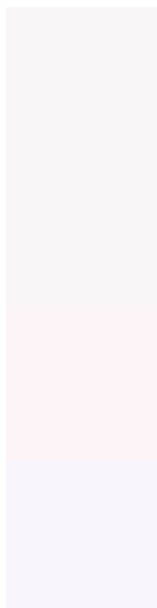
Deuteranopia
255, 243, 247



Tritanopia

250, 244, 255

Trichromacy



Original Color

250, 245, 246

Protanomaly

250, 245, 246

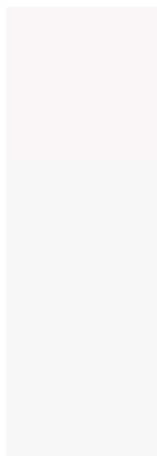
Deuteranomaly

253, 244, 247

Tritanomaly

250, 244, 252

Monochromacy



Original Color

250, 245, 246

Achromatopsia

247, 247, 247

Achromatomaly

248, 246, 247

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(250, 245, 246)  
}
```

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, 246) colored shadow looks like.

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

Border

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

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

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

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, 246)` colored shadow looks like.

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

Background

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor