

# Converting Colors

`RYB(251, 247, 246)`

Have a look what the booklet for RYB(251, 247, 246) contains.

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# **Color**

**R<sub>Y</sub>B(251, 247, 246)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBF7F6
RGB	251, 247, 246
RGB Percent	98%, 97%, 96%
CMY	0.0157, 0.0320, 0.0353
CMYK	0.00, 0.02, 0.02, 0.02
HSL	10°, 38%, 97%
HSV	10°, 2%, 98%
XYZ	89.6280, 93.5827, 100.5281
YIQ	248.0820, 2.7050, 0.5370

# Conversions

## Conversions Part 2

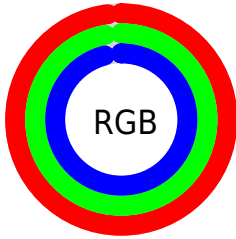
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	251, 247, 246
Decimal	16513014
CIE Lab	97.46, 1.24, 0.88
CIE LCh	97, 1.523, 35.246
Yxy	93.5827, 0.3159, 0.3298
Android (android.graphics.Color)	4294703094 (0xFFFBF7F6)
YUV	248.0820, -1.0264, 2.5591
Hunter-Lab	96.7381, -3.9112, 6.1038

# Details

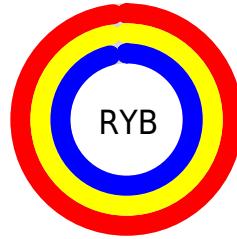
The RYB color 251, 247, 246 is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be 246, 248, 251, and the grayscale version is 248, 248, 248.

A 20% lighter version of the original color is 255, 255, 255, and 195, 191, 190 is the 20% darker color. If you saturate the color by 10%, you get 251, 227, 221, and if you desaturate by 10%, it is 251, 253, 255.

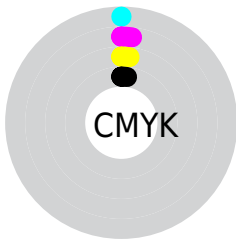
# Distribution



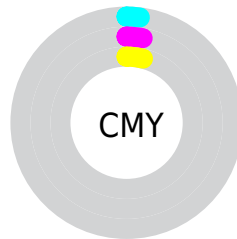
- Red (98%)
- Green (97%)
- Blue (96%)



- Red (98%)
- Yellow (97%)
- Blue (96%)



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



- Cyan (2%)
- Magenta (3%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 251, 247, 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 251, 247, 246 by changing the saturation by 10% instead.



 251, 247, 246


255, 255, 255

 251, 247, 246


 222, 218, 218

 195, 191, 190

 167, 163, 163

 141, 137, 136

 115, 112, 111

 91, 87, 87

 67, 64, 64

 45, 42, 42

 25, 22, 21

251, 247, 246

251, 247, 246

251, 227, 221

251, 253, 255

251, 207, 196

251, 187, 171

251, 166, 146

251, 146, 121

251, 126, 95

251, 106, 70

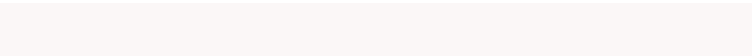
251, 87, 45

251, 67, 20

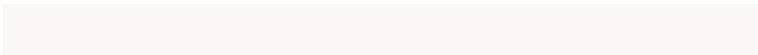
# Harmonies

## Analogous

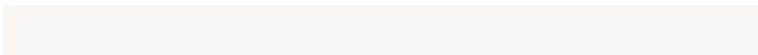
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



251, 247, 247



251, 247, 246



250, 248, 245

# Triad

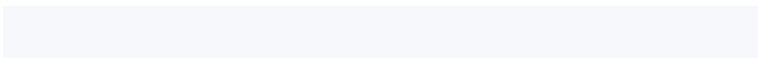
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



251, 247, 246



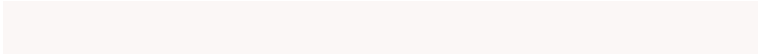
245, 247, 248



247, 248, 251

# Complementary

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



251, 247, 246



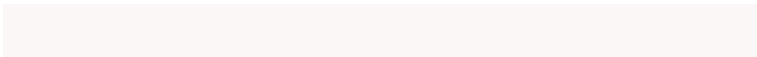
246, 248, 251

# Split Complementary

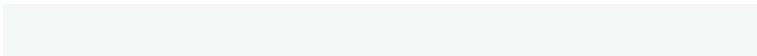
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245, 247, 250



251, 247, 246



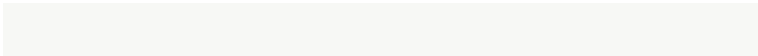
244, 247, 249

# Square

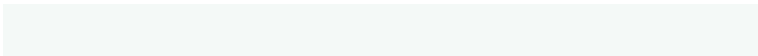
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



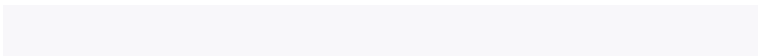
251, 247, 246



245, 248, 246



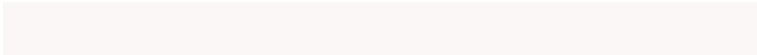
244, 247, 249



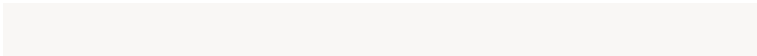
248, 247, 250

# Rectangle

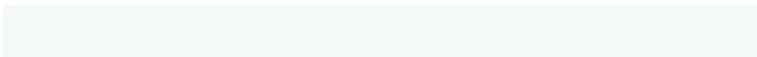
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



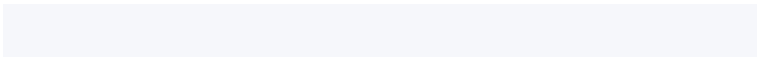
251, 247, 246



249, 249, 245



244, 247, 249

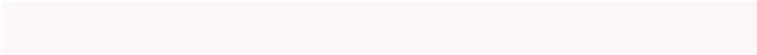


246, 247, 251



# Sweetspot

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



251, 247, 246



255, 254, 252



251, 246, 250



128, 126, 126



0, 0, 0

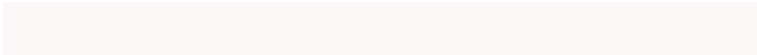


128, 128, 128



# Same Dimension

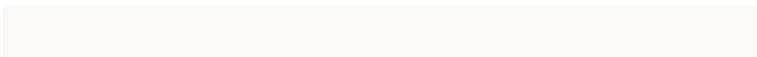
The Same Dimension uses a secret algorithm to generate beautiful new colors.



251, 247, 246



255, 251, 250



249, 251, 246



125, 124, 122



189, 37, 0



61, 12, 0



# Inverse Universe

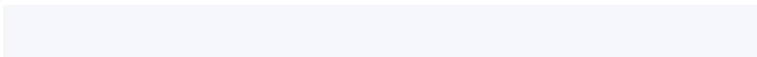
The Inverse Universe completely reimagines the original color for something new.



246, 248, 251



250, 252, 255



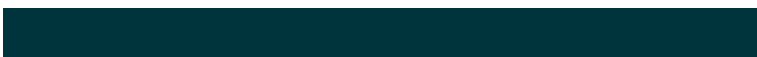
246, 247, 251



122, 124, 125



0, 86, 189

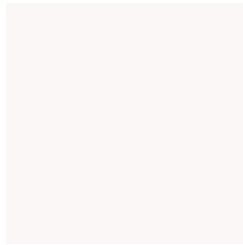


0, 28, 61



# Previews

## White Background



This preview shows how the RYB color 251, 247, 246 looks on a white background.

## Color Contrast Check

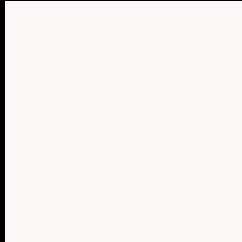
Large Text (above 18pt) WCAG AA × Fail

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 251, 247, 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 251, 247, 246 Background**



This preview shows how black text looks on a background with the RYB color 251, 247, 246.



This preview shows how white text looks on a background with the RYB color 251, 247, 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**  
251, 247, 246

**Protanopia**  
252, 246, 246

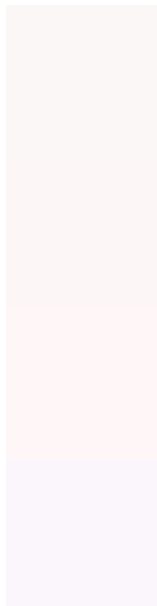
**Deuteranopia**  
255, 245, 248



# Tritanopia

250, 246, 255

# Trichromacy



## Original Color

251, 247, 246

## Protanomaly

252, 246, 246

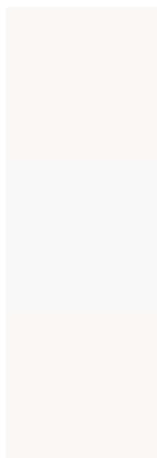
## Deuteranomaly

254, 246, 247

## Tritanomaly

250, 246, 252

# Monochromacy



## Original Color

251, 247, 246

## Achromatopsia

248, 248, 248

## Achromatomaly

249, 249, 247

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 251, 247, 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(251, 247, 246) looks like.

```
.text, #text, p{  
    color:rgb(251, 247, 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(251, 247, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 247, 246) }
```

## Border

The CSS property to change the border of an element to RYB 251, 247, 246 is called "border". The border property can be set on classes, ids or directly on the HTML element.

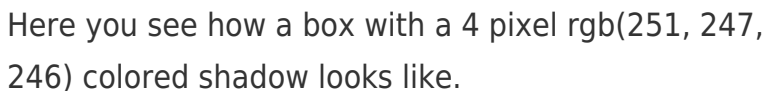
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(251, 247, 246) }
```

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

```
.border{ border-color:rgb(251, 247, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(251, 247, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 247, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 247, 246);  
box-shadow:4px 4px 4px 4px rgb(251, 247,  
246) }
```

# Background

The CSS property to change the background color of an element to RYB 251, 247, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 247, 246) }
```

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

```
.background{ background-color: rgb(251,  
247, 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](#).



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