

# Converting Colors

`RYB(243, 250, 244)`

Have a look what the booklet for RYB(243, 250, 244) contains.

<b>RYB(243, 250, 244)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**R<sub>Y</sub>B(243, 250, 244)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9FAF3
RGB	249, 250, 243
RGB Percent	98%, 98%, 95%
CMY	0.0235, 0.0196, 0.0471
CMYK	0.00, 0.00, 0.03, 0.02
HSL	69°, 41%, 97%
HSV	69°, 3%, 98%
XYZ	89.4302, 94.9820, 98.4139
YIQ	248.9030, 1.6510, -2.3890

# Conversions

## Conversions Part 2

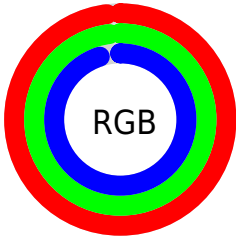
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	243, 250, 244
Decimal	16382707
CIE <sub>Lab</sub>	98.03, -1.54, 3.22
CIE <sub>LCh</sub>	98, 3.574, 115.568
Yxy	94.9820, 0.3162, 0.3358
Android (android.graphics.Color)	4294572787 (0xFFFF9FAF3)
YUV	248.9030, -2.9102, 0.0851
Hunter-Lab	97.4587, -6.7574, 8.3500

# Details

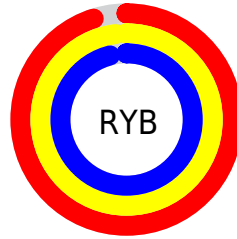
The RYB color 243, 250, 244 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 244, 243, 250, and the grayscale version is 249, 249, 249.

A 20% lighter version of the original color is 255, 255, 255, and 187, 194, 188 is the 20% darker color. If you saturate the color by 10%, you get 218, 250, 223, and if you desaturate by 10%, it is 253, 250, 255.

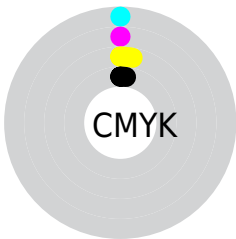
# Distribution



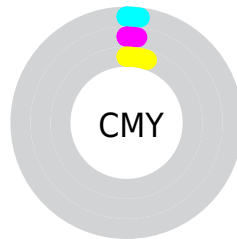
- Red (98%)
- Green (98%)
- Blue (95%)



- Red (95%)
- Yellow (98%)
- Blue (96%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)



- Cyan (2%)
- Magenta (2%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 243, 250, 244 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, 250, 244 by changing the saturation by 10% instead.




 243, 250, 244

255, 255, 255

 243, 250, 244

 215, 221, 216


 187, 194, 188

 160, 166, 161

 134, 140, 135

 109, 115, 110

 84, 90, 85

 61, 67, 62

 39, 45, 40

 19, 24, 20

 243, 250, 244

 243, 250, 244

 218, 250, 223

 253, 250, 255

 193, 250, 201

 255, 250, 255

 168, 250, 180

 143, 250, 158

 118, 250, 137

 93, 250, 115

 68, 250, 94

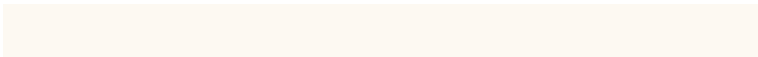
 43, 250, 73

 18, 250, 51

# Harmonies

## Analogous

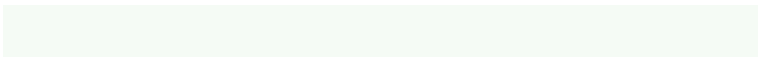
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248, 253, 242



243, 250, 244



245, 251, 251

# Triad

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



243, 250, 244



242, 247, 255



255, 247, 250

# Complementary

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



243, 250, 244



244, 243, 250

# Split Complementary

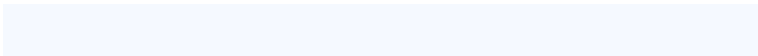
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



254, 248, 253



243, 250, 244



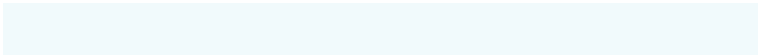
245, 248, 255

# Square

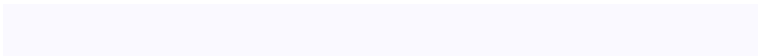
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



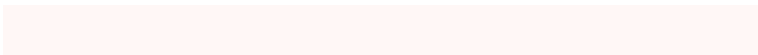
243, 250, 244



241, 246, 252



250, 249, 255



255, 247, 246

# Rectangle

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



243, 250, 244



243, 248, 251



250, 249, 255



255, 247, 251



# Sweetspot

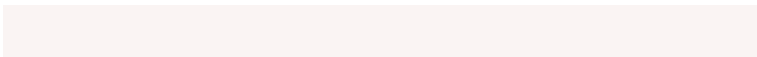
The Sweet Spot groups the original color and five complimentary colors.



243, 250, 244



252, 255, 252



250, 244, 243



126, 128, 127



0, 0, 0



128, 128, 128



# Same Dimension

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



243, 250, 244



247, 255, 248



243, 250, 247



120, 125, 121



0, 189, 27



0, 61, 9



# Inverse Universe

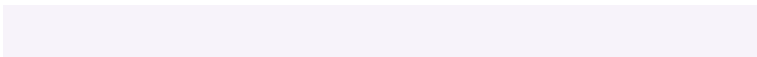
The Inverse Universe completely reimagines the original color for something new.



244, 243, 250



248, 247, 255



247, 243, 250



121, 120, 125



27, 0, 189

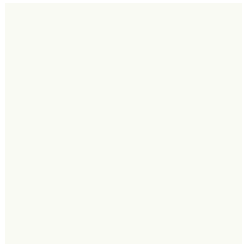


9, 0, 61



# Previews

## White Background



This preview shows how the RYB color 243, 250, 244 looks on a white background.

## Color Contrast Check

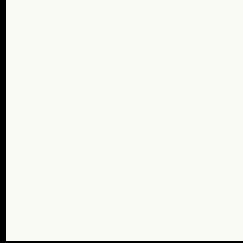
Large Text (above 18pt) WCAG AA × Fail

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, 250, 244 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

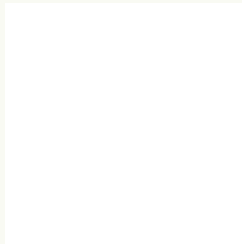
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## **RYB 243, 250, 244 Background**



This preview shows how black text looks on a background with the RYB color 243, 250, 244.

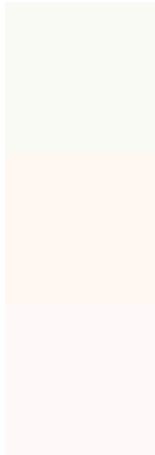


This preview shows how white text looks on a background with the RYB color 243, 250, 244.

# 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](#), [250](#), [244](#)

**Protanopia**  
[255](#), [253](#), [242](#)

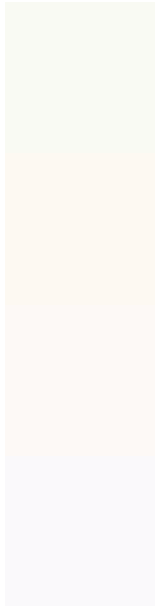
**Deuteranopia**  
[255](#), [248](#), [248](#)



# Tritanopia

250, 248, 255

# Trichromacy



## Original Color

243, 250, 244

## Protanomaly

248, 253, 242

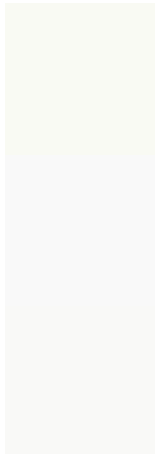
## Deuteranomaly

253, 251, 246

## Tritanomaly

250, 249, 251

# Monochromacy



## Original Color

243, 250, 244

## Achromatopsia

249, 249, 249

## Achromatomaly

247, 249, 247

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 243, 250, 244 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(249, 250, 243) looks like.

```
.text, #text, p{  
    color:rgb(249, 250, 243)  
}
```

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(249, 250, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 250, 243) }
```

## Border

The CSS property to change the border of an element to RYB 243, 250, 244 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(249, 250, 243) }
```

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

```
.border{ border-color:rgb(249, 250, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 250, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 250, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 250, 243);  
box-shadow:4px 4px 4px 4px rgb(249, 250,  
243) }
```

# Background

The CSS property to change the background color of an element to RGB 243, 250, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 250, 243) }
```

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

```
.background{ background-color: rgb(249,  
250, 243) }
```

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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