

# Converting Colors

`RYB(246, 254, 254)`

Have a look what the booklet for  
RYB(246, 254, 254) contains.

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# Color

**R<sub>Y</sub>B(246, 254, 254)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6FEF6
RGB	246, 254, 246
RGB Percent	96%, 100%, 96%
CMY	0.0353, 0.0039, 0.0353
CMYK	0.03, 0.00, 0.03, 0.00
HSL	120°, 80%, 98%
HSV	120°, 3%, 100%
XYZ	90.0824, 97.1303, 101.1889
YIQ	250.6960, -2.2000, -4.1840

# Conversions

## Conversions Part 2

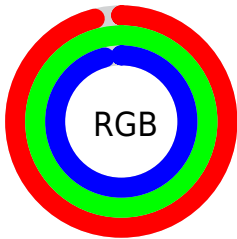
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	246, 254, 254
Decimal	16187126
CIE Lab	98.88, -4.03, 2.89
CIE LCh	99, 4.964, 144.326
Yxy	97.1303, 0.3124, 0.3368
Android (android.graphics.Color)	4294377206 (0xFF6FEF6)
YUV	250.6960, -2.3151, -4.1184
Hunter-Lab	98.5547, -9.3155, 8.1135

# Details

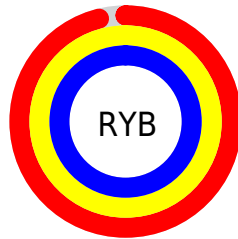
The RYB color 246, 254, 254 is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be 254, 246, 254, and the grayscale version is 251, 251, 251.

A 20% lighter version of the original color is 255, 255, 255, and 190, 197, 197 is the 20% darker color. If you saturate the color by 10%, you get 221, 254, 254, and if you desaturate by 10%, it is 255, 254, 255.

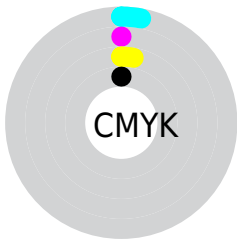
# Distribution



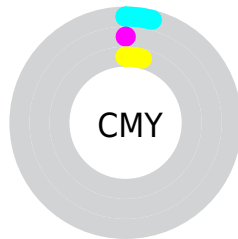
- Red (96%)
- Green (100%)
- Blue (96%)



- Red (96%)
- Yellow (100%)
- Blue (100%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 246, 254, 254 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 246, 254, 254 by changing the saturation by 10% instead.




 246, 254, 254


255, 255, 255


 246, 254, 254

 218, 225, 225

 190, 197, 197


 163, 170, 170


 136, 144, 144

 111, 118, 118

 87, 93, 93

 63, 69, 70

 41, 46, 47

 21, 27, 27

 246, 254, 254

 246, 254, 254

 221, 254, 254

255, 254, 255

 195, 254, 254

 170, 254, 254

 144, 254, 254

 119, 254, 254

 94, 254, 254

 68, 254, 254

 43, 254, 254

 17, 254, 254

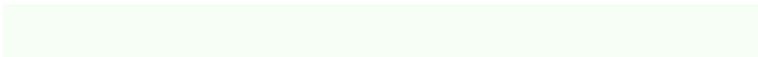
# Harmonies

## Analogous

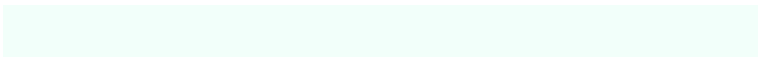
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243, 253, 244



246, 254, 254



242, 250, 255

# Triad

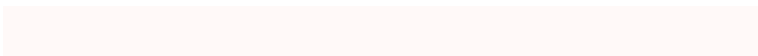
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246, 254, 254



246, 250, 255



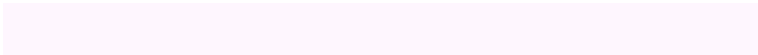
255, 249, 248

# Complementary

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



246, 254, 254



254, 246, 254

# Split Complementary

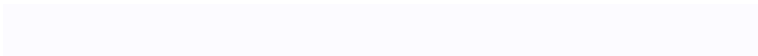
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 249, 253



246, 254, 254



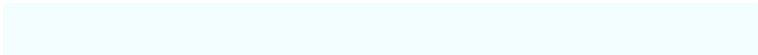
252, 251, 255

# Square

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



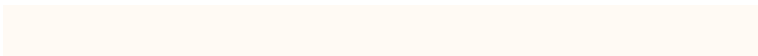
246, 254, 254



242, 248, 255



255, 249, 255



253, 255, 244

# Rectangle

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



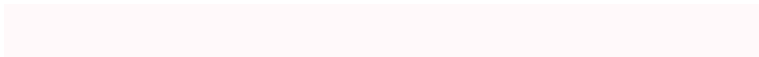
246, 254, 254



240, 248, 255



255, 249, 255



255, 249, 250



# Sweetspot

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



246, 254, 254



252, 255, 255



246, 254, 246



126, 128, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



246, 254, 254



245, 255, 255



246, 251, 254



121, 128, 128



0, 191, 191



0, 64, 64



# Inverse Universe

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



254, 246, 254



255, 245, 255



254, 246, 250



128, 121, 128



191, 0, 191

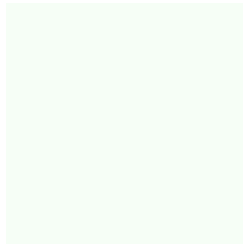


64, 0, 64



# Previews

## White Background



This preview shows how the RYB color 246, 254, 254 looks on a white background.

## Color Contrast Check

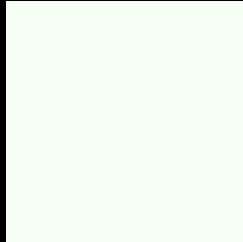
Large Text (above 18pt) WCAG AA × Fail

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 246, 254, 254 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

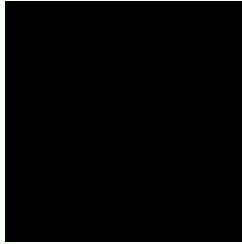
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RYB 246, 254, 254 Background



This preview shows how black text looks on a background with the RYB color 246, 254, 254.

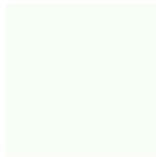


This preview shows how white text looks on a background with the RYB color 246, 254, 254.

# 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**  
246, 254, 254



**Protanopia**  
255, 253, 248

**Deuteranopia**  
255, 251, 251

# Tritanopia

251, 251, 255

# Trichromacy



**Original Color**

246, 254, 254

**Protanomaly**

247, 252, 247

**Deuteranomaly**

249, 252, 249

**Tritanomaly**

249, 251, 252

# Monochromacy



**Original Color**

246, 254, 254

**Achromatopsia**

251, 251, 251

**Achromatomaly**

249, 252, 252

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 246, 254, 254 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, 254, 246) looks like.

```
.text, #text, p{  
    color:rgb(246, 254, 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(246, 254, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 254, 246) }
```

## Border

The CSS property to change the border of an element to RYB 246, 254, 254 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, 254, 246) }
```

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

```
.border{ border-color:rgb(246, 254, 246) }
```

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

Here you see how a box with a 4 pixel rgb(246, 254, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 254, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 254, 246);  
box-shadow:4px 4px 4px 4px rgb(246, 254,  
246) }
```

# Background

The CSS property to change the background color of an element to RYB 246, 254, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 254, 246) }
```

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

```
.background{ background-color: rgb(246,  
254, 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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