

# Converting Colors

`RYB(254, 251, 253)`

Have a look what the booklet for  
RYB(254, 251, 253) contains.

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# **Color**

**R<sub>Y</sub>B(254, 251, 253)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEFBFD
RGB	254, 251, 253
RGB Percent	100%, 98%, 99%
CMY	0.0039, 0.0157, 0.0078
CMYK	0.00, 0.01, 0.00, 0.00
HSL	320°, 60%, 99%
HSV	320°, 1%, 100%
XYZ	93.0999, 97.1570, 106.7748
YIQ	252.1250, 1.1460, 1.2580

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	254, 251, 253
Decimal	16710653
CIE Lab	98.89, 1.35, -0.61
CIE LCh	99, 1.480, 335.467
Yxy	97.1570, 0.3134, 0.3271
Android (android.graphics.Color)	4294900733 (0xFFFEFBFD)
YUV	252.1250, 0.4314, 1.6444
Hunter-Lab	98.5683, -3.8974, 4.7715

# Details

The RYB color 254, 251, 253 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 251, 253, 254, and the grayscale version is 252, 252, 252.

A 20% lighter version of the original color is 255, 255, 255, and 197, 195, 196 is the 20% darker color. If you saturate the color by 10%, you get 254, 226, 245, and if you desaturate by 10%, it is 254, 255, 255.

# Distribution



Red (100%)

Green (98%)

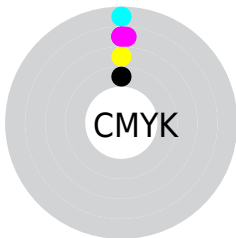
Blue (99%)



Red (100%)

Yellow (98%)

Blue (99%)



Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 254, 251, 253 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 254, 251, 253 by changing the saturation by 10% instead.




 254, 251, 253

 254, 251, 253

255, 255, 255


 225, 222, 224

 197, 195, 196


 170, 167, 169

 144, 141, 143

 118, 115, 117

 93, 91, 93

 70, 67, 69

 48, 45, 47

 27, 25, 26

 254, 251, 253


 254, 251, 253

 254, 226, 245

254, 255, 255


 254, 200, 236

 254, 175, 228

 254, 149, 219

 254, 124, 211

 254, 99, 202

 254, 73, 194

 254, 48, 185

 254, 22, 177

# Harmonies

## Analogous

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



252, 251, 254



254, 251, 253



255, 251, 252

# Triad

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



254, 251, 253



250, 253, 249



248, 251, 253

# Complementary

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



254, 251, 253



251, 253, 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.



249, 251, 253



254, 251, 253



249, 252, 250

# Square

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



254, 251, 253



254, 252, 249



250, 252, 253



249, 251, 254

# Rectangle

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



254, 251, 253



255, 251, 251



250, 252, 253



248, 251, 253



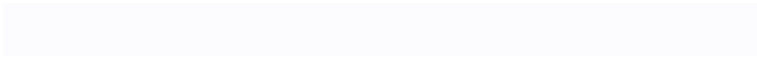
# Sweetspot

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



254, 251, 253

255, 255, 255



252, 251, 254



128, 128, 128



0, 0, 0

# Same Dimension

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



254, 251, 253



255, 252, 254



254, 251, 252



128, 126, 127



191, 0, 128



64, 0, 43



# Inverse Universe

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



254, 251, 253



255, 252, 254



251, 253, 254



128, 126, 127



191, 0, 128



64, 0, 43



# Previews

## White Background



This preview shows how the RYB color 254, 251, 253 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 254, 251, 253 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

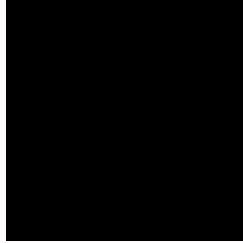
Any Text WCAG AA ✓ Pass

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 254, 251, 253 Background**



This preview shows how black text looks on a background with the RYB color 254, 251, 253.



This preview shows how white text looks on a background with the RYB color 254, 251, 253.



# 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**  
254, 251, 253

**Protanopia**  
255, 251, 253

**Deuteranopia**  
255, 251, 252

# Tritanopia

253, 251, 255

# Trichromacy

## Original Color

254, 251, 253

## Protanomaly

255, 251, 253

## Deuteranomaly

255, 251, 252

## Tritanomaly

253, 251, 254

# Monochromacy

## Original Color

254, 251, 253

## Achromatopsia

252, 252, 252

## Achromatomaly

253, 252, 252

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 254, 251, 253 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(254, 251, 253) looks like.

```
.text, #text, p{  
    color:rgb(254, 251, 253)  
}
```

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(254, 251, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 251, 253) }
```

## Border

The CSS property to change the border of an element to RYB 254, 251, 253 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(254, 251, 253) }
```

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

```
.border{ border-color:rgb(254, 251, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 251, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 251, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 251, 253);  
box-shadow:4px 4px 4px 4px rgb(254, 251,  
253) }
```

# Background

The CSS property to change the background color of an element to RYB 254, 251, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 251, 253) }
```

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

```
.background{ background-color: rgb(254,  
251, 253) }
```

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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