

# Converting Colors

`RYB(253, 254, 254)`

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

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# Color

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

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">FDFFD</a>
RGB	<a href="#">253, 254, 253</a>
RGB Percent	<a href="#">99%, 100%, 99%</a>
CMY	<a href="#">0.0078, 0.0039, 0.0078</a>
CMYK	<a href="#">0.00, 0.00, 0.00, 0.00</a>
HSL	<a href="#">120°, 33%, 99%</a>
HSV	<a href="#">120°, 0%, 100%</a>
XYZ	<a href="#">93.6794, 98.8581, 107.0726</a>
YIQ	<a href="#">253.5870, -0.2750, -0.5230</a>

# Conversions

## Conversions Part 2

Format	Color
R <sub>Y</sub> B	253, 254, 254
Decimal	16645885
CIE Lab	99.56, -0.50, 0.35
CIE LCh	100, 0.610, 144.926
Yxy	98.8581, 0.3127, 0.3300
Android (android.graphics.Color)	4294835965 (0xFFFDFFD)
YUV	253.5870, -0.2894, -0.5148
Hunter-Lab	99.4274, -5.8172, 5.7503

# Details

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

A 20% lighter version of the original color is 255, 255, 255, and **196, 197, 197** is the 20% darker color. If you saturate the color by 10%, you get **228, 254, 254**, and if you desaturate by 10%, it is 255, 254, 255.

# Distribution



- Red (99%)
- Green (100%)
- Blue (99%)



- Red (99%)
- Yellow (100%)
- Blue (100%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)

# Brightness & Saturation Gradients

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



 253, 254, 254

 253, 254, 254

255, 255, 255


 224, 225, 225


 196, 197, 197

 169, 170, 170

 143, 144, 144

 117, 118, 118

 93, 93, 93

 69, 70, 70

 47, 48, 48

 26, 27, 27

 253, 254, 254


 253, 254, 254

 228, 254, 254

255, 254, 255

 202, 254, 254

 177, 254, 254

 151, 254, 254

 126, 254, 254

 101, 254, 254

 75, 254, 254

 50, 254, 254

 24, 254, 254

# Harmonies

## Analogous

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

253, 254, 253

253, 254, 254

253, 254, 254

# Triad

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

253, 254, 254

253, 254, 255

255, 253, 253

# Complementary

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

253, 254, 254

254, 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.



255, 253, 254



253, 254, 254



254, 254, 255

# Square

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



253, 254, 254



253, 254, 255



254, 253, 254



255, 253, 253

# Rectangle

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



253, 254, 254



252, 253, 254



254, 253, 254



255, 253, 253



# Sweetspot

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



253, 254, 254

255, 255, 255



253, 254, 253



128, 128, 128



0, 0, 0

# Same Dimension

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



253, 254, 254

255, 255, 255



253, 254, 254



128, 128, 128



0, 191, 191



0, 64, 64



# Inverse Universe

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



254, 253, 254

255, 255, 255



128, 128, 128



191, 0, 191



64, 0, 64

# Previews

## White Background



This preview shows how the RGB color 253, 254, 254 looks on a white background.

## Color Contrast Check

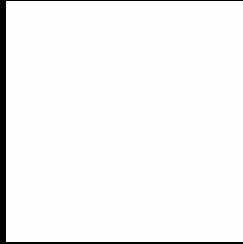
Large Text (above 18pt) WCAG AA × Fail

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 253, 254, 254 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

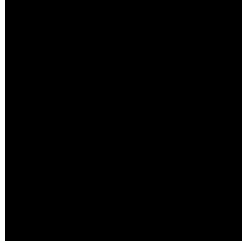
Any Text WCAG AA ✓ Pass

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 253, 254, 254 Background**



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

**Protanopia**  
255, 253, 253

**Deuteranopia**  
255, 253, 254



# Tritanopia

254, 254, 255

# Trichromacy

## Original Color

253, 254, 254

## Protanomaly

254, 253, 253

## Deuteranomaly

254, 253, 254

## Tritanomaly

254, 254, 254

# Monochromacy

## Original Color

253, 254, 254

## Achromatopsia

254, 254, 254

## Achromatomaly

254, 254, 254

# CSS Examples

## Text

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

The following shows how to set the color of 253, 254, 254 on a class:

```
.text, #text, p{  
    color:rgb(253, 254, 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(253, 254, 253) colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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