

Converting Colors

`RYB(250, 253, 255)`

Have a look what the booklet for RYB(250, 253, 255) contains.

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Color

R_YB(250, 253, 255)

Conversions

Conversions Part 1

Format	Color
Hex	FAFFFD
RGB	250, 255, 253
RGB Percent	98%, 100%, 99%
CMY	0.0196, 0.0000, 0.0065
CMYK	0.02, 0.00, 0.01, 0.00
HSL	160°, 100%, 99%
HSV	160°, 2%, 100%
XYZ	92.9671, 98.9571, 107.4079
YIQ	253.2770, -2.3380, -1.6820

Conversions

Conversions Part 2

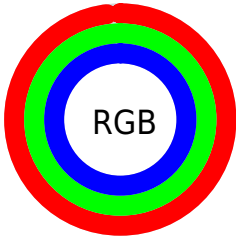
Format	Color
R _Y B	250, 253, 255
Decimal	16449533
CIE Lab	99.60, -1.93, 0.21
CIE LCh	100, 1.941, 173.802
Yxy	98.9571, 0.3106, 0.3306
Android (android.graphics.Color)	4294639613 (0xFFFAFFFD)
YUV	253.2770, -0.1366, -2.8739
Hunter-Lab	99.4772, -7.2666, 5.6172

Details

The RYB color 250, 253, 255 is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be 255, 250, 252, and the grayscale version is 253, 253, 253.

A 20% lighter version of the original color is 255, 255, 255, and 194, 197, 198 is the 20% darker color. If you saturate the color by 10%, you get 225, 243, 255, and if you desaturate by 10%, it is 255, 255, 255.

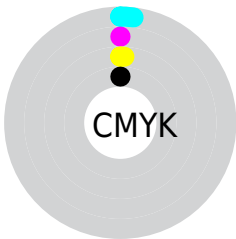
Distribution



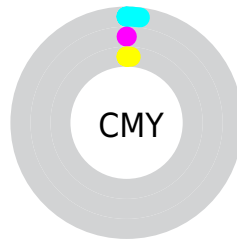
- Red (98%)
- Green (100%)
- Blue (99%)



- Red (98%)
- Yellow (99%)
- Blue (100%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 253, 255 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 250, 253, 255 by changing the saturation by 10% instead.

 250, 253, 255


 250, 253, 255

255, 255, 255

 221, 224, 226

 194, 196, 198

 166, 169, 171

 140, 143, 145

 115, 118, 119

 90, 92, 94

 67, 70, 71

 45, 47, 48

 24, 26, 27

250, 253, 255

250, 253, 255

225, 243, 255

255, 255, 255

199, 233, 255

174, 223, 255

148, 212, 255

122, 202, 255

97, 192, 255

71, 181, 255

46, 172, 255

20, 161, 255

Harmonies

Analogous

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

252, 255, 255

250, 253, 255

249, 252, 255

Triad

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



250, 253, 255



254, 253, 255



255, 255, 251

Complementary

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



250, 253, 255



255, 250, 252

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, 254, 252



250, 253, 255



255, 253, 255

Square

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



250, 253, 255



252, 253, 255



255, 253, 254



251, 255, 250

Rectangle

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



250, 253, 255



250, 253, 255



255, 253, 254



255, 255, 251

Sweetspot

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



250, 253, 255



252, 254, 255



250, 255, 253



126, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



250, 253, 255



250, 252, 255



125, 127, 128



0, 114, 191



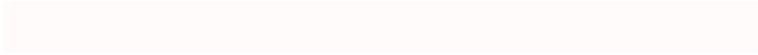
0, 38, 64

Inverse Universe

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



255, 250, 252



255, 251, 250



128, 125, 126



191, 0, 64



64, 0, 21

Previews

White Background



This preview shows how the RYB color 250, 253, 255 looks on a white background.

Color Contrast Check

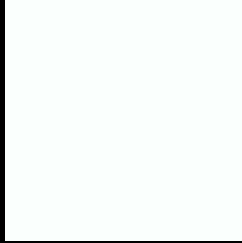
Large Text (above 18pt) WCAG AA × Fail

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 250, 253, 255 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 250, 253, 255 Background



This preview shows how black text looks on a background with the RYB color 250, 253, 255.



This preview shows how white text looks on a background with the RYB color 250, 253, 255.

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
250, 253, 255

Protanopia
255, 253, 253

Deuteranopia
255, 253, 254

Tritanopia

254, 254, 255

Trichromacy

Original Color

250, 253, 255

Protanomaly

253, 254, 254

Deuteranomaly

253, 254, 254

Tritanomaly

253, 254, 254

Monochromacy

Original Color

250, 253, 255

Achromatopsia

253, 253, 253

Achromatomaly

252, 253, 254

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 253, 255 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(250, 255, 253) looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 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(250, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 253) }
```

Border

The CSS property to change the border of an element to RYB 250, 253, 255 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(250, 255, 253) }
```

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

```
.border{ border-color:rgb(250, 255, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
253) }
```

Background

The CSS property to change the background color of an element to RYB 250, 253, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 255, 253) }
```

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

```
.background{ background-color: rgb(250,  
255, 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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