

Converting Colors

`RYB(250, 251, 252)`

Have a look what the booklet for RYB(250, 251, 252) contains.

RYB(250, 251, 252)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

R_YB(250, 251, 252)

Conversions

Conversions Part 1

Format	Color
Hex	FAFCFC
RGB	250, 252, 252
RGB Percent	98%, 99%, 99%
CMY	0.0196, 0.0118, 0.0118
CMYK	0.01, 0.00, 0.00, 0.01
HSL	180°, 25%, 98%
HSV	180°, 1%, 99%
XYZ	91.8054, 96.9731, 105.9745
YIQ	251.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

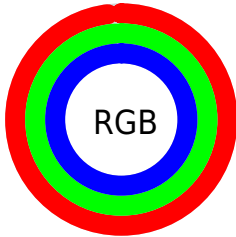
Format	Color
R _Y B	250, 251, 252
Decimal	16448764
CIE Lab	98.82, -0.65, -0.24
CIE LCh	99, 0.697, 200.304
Yxy	96.9731, 0.3115, 0.3290
Android (android.graphics.Color)	4294638844 (0xFFFAFCFC)
YUV	251.4020, 0.2948, -1.2296
Hunter-Lab	98.4749, -5.9205, 5.1271

Details

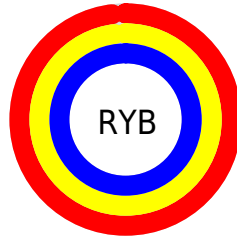
The RYB color 250, 251, 252 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 252, 250, 250, and the grayscale version is 251, 251, 251.

A 20% lighter version of the original color is 255, 255, 255, and 194, 195, 195 is the 20% darker color. If you saturate the color by 10%, you get 225, 239, 252, and if you desaturate by 10%, it is 255, 252, 252.

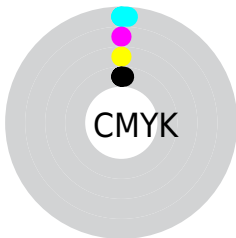
Distribution



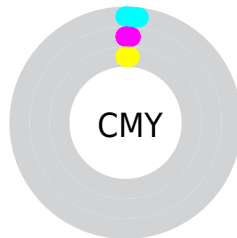
- Red (98%)
- Green (99%)
- Blue (99%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 251, 252 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, 251, 252 by changing the saturation by 10% instead.

 250, 251, 252


255, 255, 255

 250, 251, 252

 221, 222, 223

 194, 195, 195

 166, 167, 168


 140, 141, 142

 115, 116, 116

 90, 91, 92

 67, 68, 68

 45, 46, 46

 24, 25, 25

 250, 251, 252

 250, 251, 252


 225, 239, 252


 255, 252, 252


 200, 226, 252


 174, 213, 252


 149, 201, 252

 124, 188, 252

 99, 176, 252

 74, 163, 252

 48, 150, 252

 23, 138, 252

Harmonies

Analogous

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



250, 251, 252



250, 251, 252



250, 251, 253

Triad

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



250, 251, 252



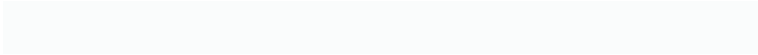
252, 251, 252



252, 252, 250

Complementary

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



250, 251, 252



252, 250, 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.



253, 251, 251



250, 251, 252



253, 251, 252

Square

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



250, 251, 252



251, 251, 253



253, 251, 251



250, 252, 250

Rectangle

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



250, 251, 252



250, 251, 253



253, 251, 251



253, 252, 250

Sweetspot

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



250, 251, 252

255, 255, 255



250, 252, 252



128, 128, 128



0, 0, 0

Same Dimension

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



250, 251, 252



252, 254, 255



250, 251, 252



124, 125, 125



0, 95, 189



0, 31, 61

Inverse Universe

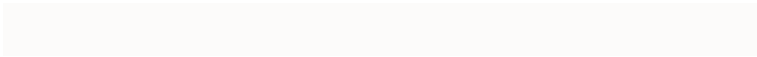
The Inverse Universe completely reimagines the original color for something new.



252, 250, 252



255, 252, 255



252, 252, 250



125, 124, 125



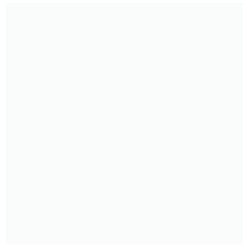
189, 0, 189



61, 0, 61

Previews

White Background



This preview shows how the RYB color 250, 251, 252 looks on a white background.

Color Contrast Check

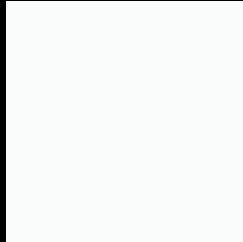
Large Text (above 18pt) WCAG AA × Fail

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, 251, 252 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, 251, 252 Background



This preview shows how black text looks on a background with the RYB color 250, 251, 252.



This preview shows how white text looks on a background with the RYB color 250, 251, 252.

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, 251, 252

Protanopia
255, 251, 251

Deuteranopia
255, 250, 252

Tritanopia

252, 251, 255

Trichromacy

Original Color

250, 251, 252

Protanomaly

253, 251, 251

Deuteranomaly

253, 251, 252

Tritanomaly

251, 251, 254

Monochromacy

Original Color

250, 251, 252

Achromatopsia

251, 251, 251

Achromatomaly

251, 251, 251

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 251, 252 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, 252, 252) looks like.

```
.text, #text, p{  
    color:rgb(250, 252, 252)  
}
```

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, 252, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 252, 252) }
```

Border

The CSS property to change the border of an element to RYB 250, 251, 252 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, 252, 252) }
```

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

```
.border{ border-color:rgb(250, 252, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 252, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 252, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 252, 252);  
box-shadow:4px 4px 4px 4px rgb(250, 252,  
252) }
```

Background

The CSS property to change the background color of an element to RYB 250, 251, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 252, 252) }
```

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

```
.background{ background-color: rgb(250,  
252, 252) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor