

Converting Colors

`RYB(251, 251, 255)`

Have a look what the booklet for
RYB(251, 251, 255) contains.

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Color

R_YB(251, 251, 255)

Conversions

Conversions Part 1

Format	Color
Hex	FBFBFF
RGB	251, 251, 255
RGB Percent	98%, 98%, 100%
CMY	0.0157, 0.0157, 0.0000
CMYK	0.02, 0.02, 0.00, 0.00
HSL	240°, 100%, 99%
HSV	240°, 2%, 100%
XYZ	92.3308, 96.7236, 108.4109
YIQ	251.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

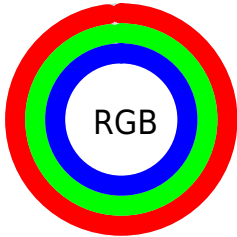
Format	Color
R _Y B	251, 251, 255
Decimal	16514047
CIE Lab	98.72, 0.71, -1.92
CIE LCh	99, 2.047, 290.368
Yxy	96.7236, 0.3104, 0.3252
Android (android.graphics.Color)	4294704127 (0xFFFBFBFF)
YUV	251.4560, 1.7472, -0.3999
Hunter-Lab	98.3482, -4.5306, 3.4873

Details

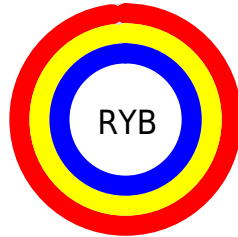
The RYB color 251, 251, 255 is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be 251, 255, 251, and the grayscale version is 251, 251, 251.

A 20% lighter version of the original color is 255, 255, 255, and 195, 195, 198 is the 20% darker color. If you saturate the color by 10%, you get 226, 226, 255, and if you desaturate by 10%, it is 255, 255, 255.

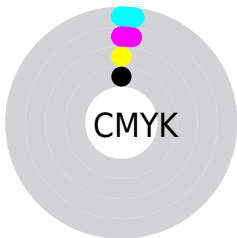
Distribution



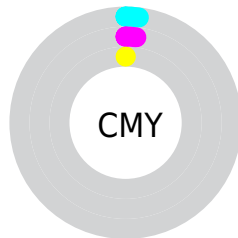
- Red (98%)
- Green (98%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 251, 251, 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 251, 251, 255 by changing the saturation by 10% instead.


 251, 251, 255


255, 255, 255

 251, 251, 255


 222, 222, 226

 195, 195, 198

 167, 167, 171

 141, 141, 145

 115, 115, 119

 91, 91, 94

 67, 67, 71

 45, 45, 48

 25, 25, 27


 251, 251, 255

 251, 251, 255

 226, 226, 255

255, 255, 255

 200, 200, 255

 175, 175, 255

 149, 149, 255

 123, 123, 255

 98, 98, 255

 72, 72, 255

 47, 47, 255

 21, 21, 255

Harmonies

Analogous

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



249, 251, 255



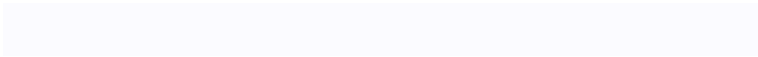
251, 251, 255



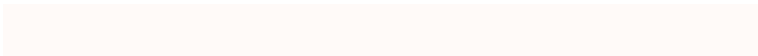
253, 250, 254

Triad

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



251, 251, 255



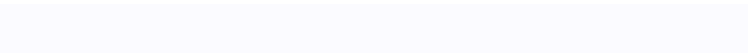
255, 251, 248



247, 251, 253

Complementary

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



251, 251, 255



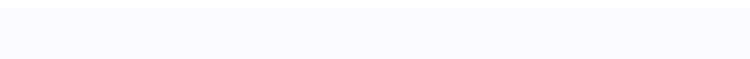
251, 255, 251

Split Complementary

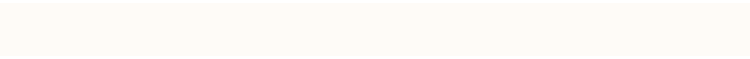
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249, 252, 252



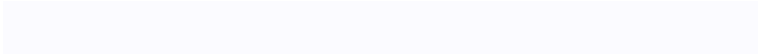
251, 251, 255



252, 254, 247

Square

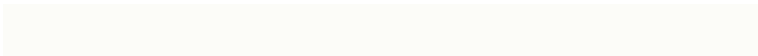
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



251, 251, 255



255, 250, 250



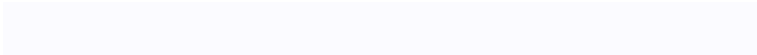
248, 252, 248



247, 250, 253

Rectangle

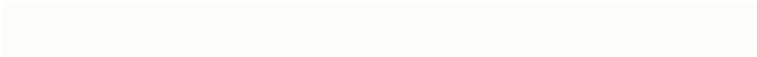
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



251, 251, 255



255, 250, 253



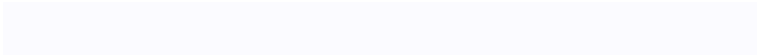
248, 252, 248



248, 251, 252

Sweetspot

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



251, 251, 255

255, 255, 255



251, 253, 255



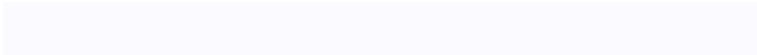
128, 128, 128



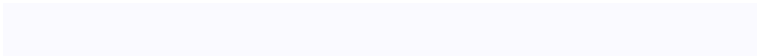
0, 0, 0

Same Dimension

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



251, 251, 255



250, 250, 255



253, 251, 255



125, 125, 128



0, 0, 191



0, 0, 64

Inverse Universe

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



255, 251, 255



255, 250, 255



251, 255, 253



128, 125, 128



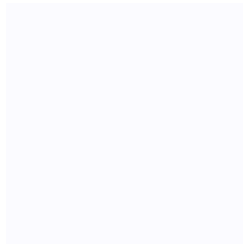
191, 0, 191



64, 0, 64

Previews

White Background



This preview shows how the RYB color 251, 251, 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 251, 251, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

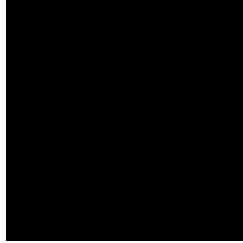
Any Text WCAG AA ✓ Pass

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 251, 251, 255 Background



This preview shows how black text looks on a background with the RYB color 251, 251, 255.



This preview shows how white text looks on a background with the RYB color 251, 251, 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
251, 251, 255

Protanopia
255, 250, 254

Deuteranopia
255, 250, 252

Tritanopia

252, 251, 255

Trichromacy

Original Color

251, 251, 255

Protanomaly

254, 250, 254

Deuteranomaly

254, 250, 253

Tritanomaly

252, 251, 255

Monochromacy

Original Color

251, 251, 255

Achromatopsia

251, 251, 251

Achromatomaly

251, 251, 252

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 251, 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(251, 251, 255) looks like.

```
.text, #text, p{  
    color:rgb(251, 251, 255)  
}
```

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(251, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 251, 255) }
```

Border

The CSS property to change the border of an element to RYB 251, 251, 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(251, 251, 255) }
```

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

```
.border{ border-color:rgb(251, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 251,  
255) }
```

Background

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

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

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

```
.background{ background-color: rgb(255,  
255, 255) }
```

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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