

Converting Colors

`RYB(255, 250, 251)`

Have a look what the booklet for
RYB(255, 250, 251) contains.

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Color

R_YB(255, 250, 251)

Conversions

Conversions Part 1

Format	Color
Hex	FFFAFB
RGB	255, 250, 251
RGB Percent	100%, 98%, 98%
CMY	0.0000, 0.0196, 0.0157
CMYK	0.00, 0.02, 0.02, 0.00
HSL	348°, 100%, 99%
HSV	348°, 2%, 100%
XYZ	92.8382, 96.5962, 105.0186
YIQ	251.6090, 2.6590, 1.3710

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 250, 251
Decimal	16775931
CIE Lab	98.67, 1.83, 0.10
CIE LCh	99, 1.838, 3.095
Yxy	96.5962, 0.3153, 0.3281
Android (android.graphics.Color)	4294966011 (0xFFFFF _A F _B)
YUV	251.6090, -0.3002, 2.9739
Hunter-Lab	98.2834, -3.3854, 5.4453

Details

The RYB color 255, 250, 251 is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be 250, 253, 255, and the grayscale version is 252, 252, 252.

A 20% lighter version of the original color is 255, 255, 255, and 198, 194, 195 is the 20% darker color. If you saturate the color by 10%, you get 255, 225, 231, and if you desaturate by 10%, it is 255, 255, 255.

Distribution



Red (100%)

Green (98%)

Blue (98%)



Red (100%)

Yellow (98%)

Blue (98%)



Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 250, 251 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 255, 250, 251 by changing the saturation by 10% instead.


 255, 250, 251

 255, 250, 251

255, 255, 255

 226, 221, 222


 198, 194, 195

 171, 166, 167

 145, 140, 141

 119, 115, 115

 94, 90, 91

 71, 67, 67

 48, 45, 45

 27, 24, 25

 255, 250, 251

 255, 250, 251

 255, 225, 231

255, 255, 255


 255, 199, 210

 255, 174, 190

 255, 148, 169

 255, 122, 149

 255, 97, 129

 255, 71, 108

 255, 46, 88

 255, 20, 67

Harmonies

Analogous

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



254, 250, 253



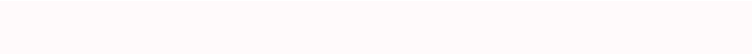
255, 250, 251



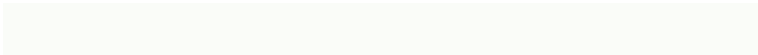
255, 250, 249

Triad

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



255, 250, 251



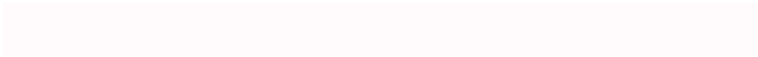
248, 252, 250



248, 250, 254

Complementary

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



255, 250, 251



250, 253, 255

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.



247, 250, 253



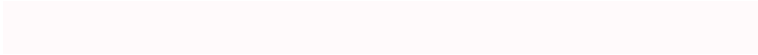
255, 250, 251



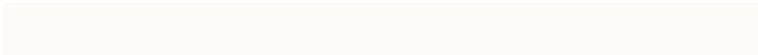
249, 252, 252

Square

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



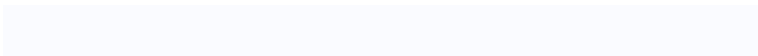
255, 250, 251



251, 253, 248



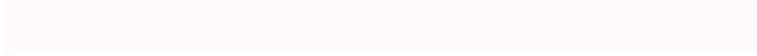
247, 250, 252



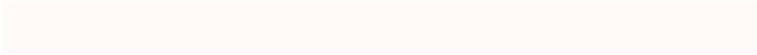
250, 251, 255

Rectangle

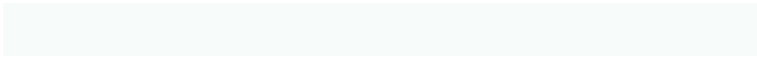
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 250, 251



255, 251, 248



247, 250, 252



247, 250, 254

Sweetspot

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



255, 250, 251



255, 252, 253



254, 250, 255



128, 126, 126



0, 0, 0



128, 128, 128

Same Dimension

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



255, 250, 251



255, 251, 250



128, 125, 125



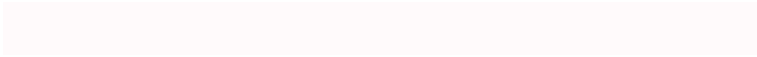
191, 0, 38



64, 0, 13

Inverse Universe

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



255, 250, 251



250, 252, 255



128, 125, 125



191, 0, 38



64, 0, 13

Previews

White Background



This preview shows how the RGB color 255, 250, 251 looks on a white background.

Color Contrast Check

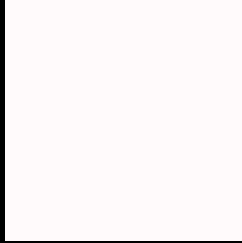
Large Text (above 18pt) WCAG AA × Fail

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 255, 250, 251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

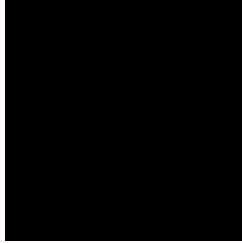
Any Text WCAG AA ✓ Pass

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 255, 250, 251 Background



This preview shows how black text looks on a background with the RYB color 255, 250, 251.



This preview shows how white text looks on a background with the RYB color 255, 250, 251.

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
255, 250, 251

Protanopia
255, 250, 251

Deuteranopia
255, 250, 251



Tritanopia

253, 250, 255

Trichromacy

Original Color

255, 250, 251

Protanomaly

255, 250, 251

Deuteranomaly

255, 250, 251

Tritanomaly

254, 250, 254

Monochromacy

Original Color

255, 250, 251

Achromatopsia

252, 252, 252

Achromatomaly

253, 251, 252

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 250, 251 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(255, 250, 251) looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 251)  
}
```

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(255, 250, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 251) }
```

Border

The CSS property to change the border of an element to RYB 255, 250, 251 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(255, 250, 251) }
```

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

```
.border{ border-color:rgb(255, 250, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
251) }
```

Background

The CSS property to change the background color of an element to RYB 255, 250, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 251) }
```

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

```
.background{ background-color: rgb(255,  
250, 251) }
```

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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