

Converting Colors

`RYB(249, 250, 254)`

Have a look what the booklet for RYB(249, 250, 254) contains.

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Color

R_YB(249, 250, 254)

Conversions

Conversions Part 1

Format	Color
Hex	F9FAFE
RGB	249, 250, 254
RGB Percent	98%, 98%, 100%
CMY	0.0235, 0.0186, 0.0039
CMYK	0.02, 0.01, 0.00, 0.00
HSL	225°, 71%, 99%
HSV	225°, 2%, 100%
XYZ	91.2197, 95.8222, 107.4537
YIQ	250.1570, -1.8800, 1.0320

Conversions

Conversions Part 2

Format	Color
R _Y B	249, 250, 254
Decimal	16382718
CIE Lab	98.36, 0.26, -1.95
CIE LCh	98, 1.963, 277.577
Yxy	95.8222, 0.3097, 0.3254
Android (android.graphics.Color)	4294572798 (0xFF9FAFE)
YUV	250.1570, 1.8946, -1.0147
Hunter-Lab	97.8888, -4.9666, 3.4388

Details

The RYB color 249, 250, 254 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 250, 254, 249, and the grayscale version is 250, 250, 250.

A 20% lighter version of the original color is 255, 255, 255, and 193, 194, 197 is the 20% darker color. If you saturate the color by 10%, you get 224, 230, 254, and if you desaturate by 10%, it is 254, 255, 254.

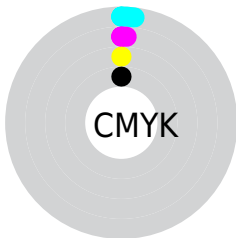
Distribution



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



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



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 249, 250, 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 249, 250, 254 by changing the saturation by 10% instead.

 249, 250, 254

 249, 250, 254

255, 255, 255

 220, 221, 225

 193, 194, 197

 165, 166, 170


 139, 140, 144

 114, 115, 118

 89, 90, 93

 66, 67, 70

 44, 45, 48

 23, 24, 27

249, 250, 254

249, 250, 254

224, 230, 254

254, 255, 254

198, 209, 254

173, 189, 254

147, 169, 254

122, 148, 254

97, 128, 254

71, 108, 254

46, 88, 254

20, 67, 254

Harmonies

Analogous

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



247, 250, 254



249, 250, 254



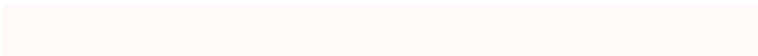
251, 250, 253

Triad

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



249, 250, 254



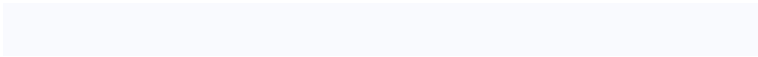
255, 249, 248



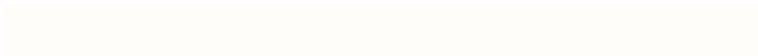
247, 250, 251

Complementary

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



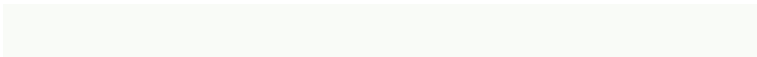
249, 250, 254



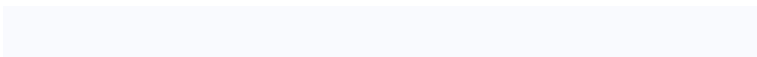
250, 254, 249

Split Complementary

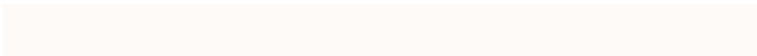
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247, 251, 249



249, 250, 254



253, 253, 247

Square

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



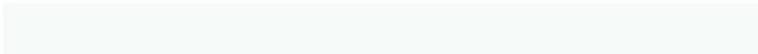
249, 250, 254



254, 249, 250



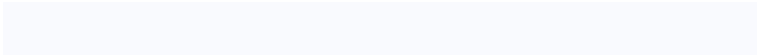
247, 251, 246



246, 249, 251

Rectangle

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



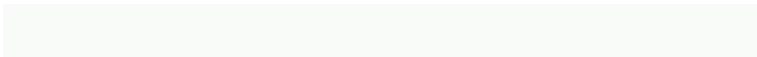
249, 250, 254



253, 249, 252



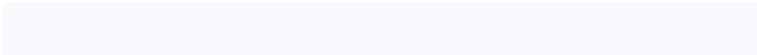
247, 251, 246



248, 251, 251

Sweetspot

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



249, 250, 254



252, 253, 255



249, 252, 254



126, 127, 128



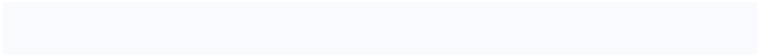
0, 0, 0



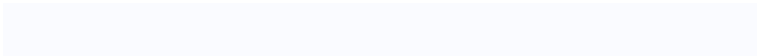
128, 128, 128

Same Dimension

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



249, 250, 254



250, 251, 255



250, 249, 254



125, 126, 128



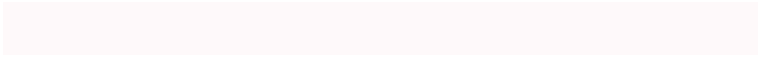
0, 38, 191



0, 13, 64

Inverse Universe

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



254, 249, 250



255, 250, 251



249, 254, 250



128, 125, 126



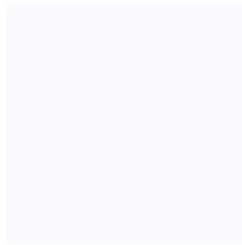
191, 0, 48



64, 0, 16

Previews

White Background



This preview shows how the RGB color 249, 250, 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 249, 250, 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

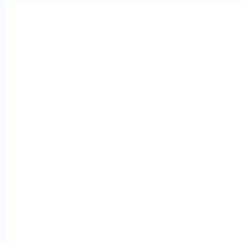
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 249, 250, 254 Background



This preview shows how black text looks on a background with the RYB color 249, 250, 254.




This preview shows how white text looks on a background with the RYB color 249, 250, 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
[249](#), [250](#), [254](#)

Protanopia
[254](#), [249](#), [253](#)

Deuteranopia
[255](#), [249](#), [251](#)



Tritanopia
250, 250, 255

Trichromacy

Original Color

249, 250, 254

Protanomaly

252, 249, 253

Deuteranomaly

253, 249, 252

Tritanomaly

250, 250, 255

Monochromacy

Original Color

249, 250, 254

Achromatopsia

250, 250, 250

Achromatomaly

250, 250, 251

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 250, 254 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(249, 250, 254) looks like.

```
.text, #text, p{  
    color:rgb(249, 250, 254)  
}
```

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(249, 250, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 250, 254) }
```

Border

The CSS property to change the border of an element to RYB 249, 250, 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(249, 250, 254) }
```

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

```
.border{ border-color:rgb(249, 250, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 250, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 250, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 250, 254);  
box-shadow:4px 4px 4px 4px rgb(249, 250,  
254) }
```

Background

The CSS property to change the background color of an element to RYB 249, 250, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 250, 254) }
```

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

```
.background{ background-color: rgb(249,  
250, 254) }
```

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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