

Converting Colors

`RYB(249, 249, 250)`

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

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Color

R_YB(249, 249, 250)

Conversions

Conversions Part 1

Format	Color
Hex	F9F9FA
RGB	249, 249, 250
RGB Percent	98%, 98%, 98%
CMY	0.0235, 0.0235, 0.0196
CMYK	0.00, 0.00, 0.00, 0.02
HSL	240°, 9%, 98%
HSV	240°, 0%, 98%
XYZ	90.1979, 94.7932, 103.9855
YIQ	249.1140, -0.3210, 0.3110

Conversions

Conversions Part 2

Format	Color
R_{YB}	249, 249, 250
Decimal	16382458
CIE _{Lab}	97.95, 0.18, -0.49
CIE _{LCh}	98, 0.521, 290.362
Yxy	94.7932, 0.3121, 0.3280
Android (android.graphics.Color)	4294572538 (0xFFFF9F9FA)
YUV	249.1140, 0.4368, -0.1000
Hunter-Lab	97.3618, -5.0172, 4.8297

Details

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

A 20% lighter version of the original color is 255, 255, 255, and 193, 193, 194 is the 20% darker color. If you saturate the color by 10%, you get 224, 224, 250, and if you desaturate by 10%, it is 250, 255, 250.

Distribution



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



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



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



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

Brightness & Saturation Gradients

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

 249, 249, 250

255, 255, 255


 249, 249, 250

 220, 220, 221

 193, 193, 194

 165, 165, 166

 139, 139, 140

 114, 114, 115

 89, 89, 90

 66, 66, 67

 44, 44, 45

 23, 23, 24


 249, 249, 250


 249, 249, 250


 224, 224, 250

 250, 255, 250

 199, 199, 250

 174, 174, 250

 149, 149, 250

 124, 124, 250

 99, 99, 250

 74, 74, 250

 49, 49, 250

 24, 24, 250

Harmonies

Analogous

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



248, 249, 250



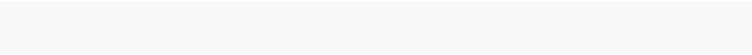
249, 249, 250



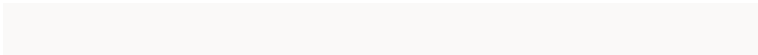
250, 249, 250

Triad

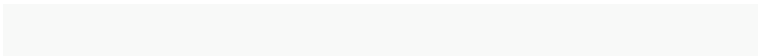
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249, 249, 250



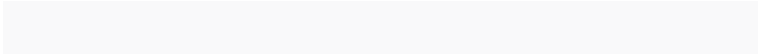
250, 250, 248



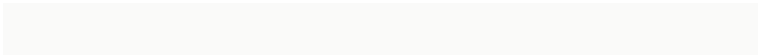
248, 249, 249

Complementary

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



249, 249, 250



249, 250, 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.



248, 249, 248



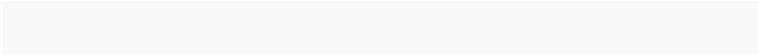
249, 249, 250



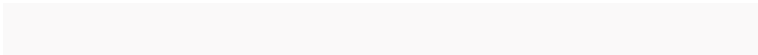
250, 250, 248

Square

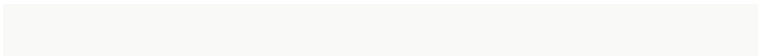
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



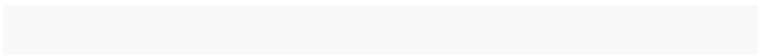
249, 249, 250



250, 249, 249



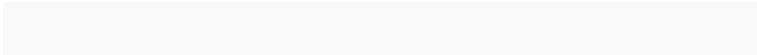
248, 249, 248



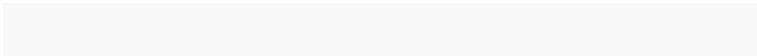
248, 249, 249

Rectangle

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



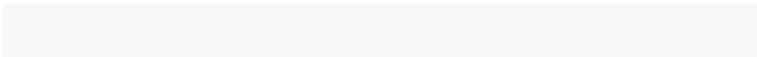
249, 249, 250



250, 249, 249



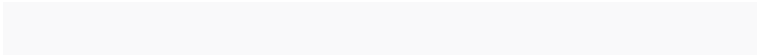
248, 249, 248



248, 249, 249

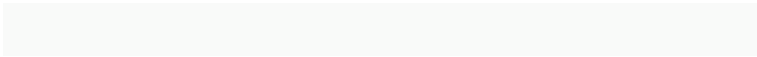
Sweetspot

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



249, 249, 250

255, 255, 255



249, 250, 250



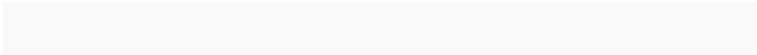
128, 128, 128



0, 0, 0

Same Dimension

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



249, 249, 250

255, 255, 255



250, 249, 250



125, 125, 125



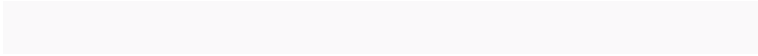
0, 0, 189



0, 0, 61

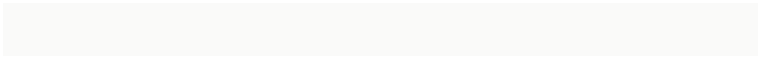
Inverse Universe

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



250, 249, 250

255, 255, 255



249, 250, 249



125, 125, 125



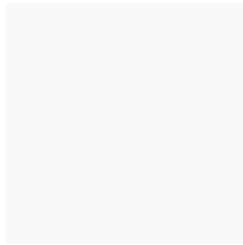
189, 0, 189



61, 0, 61

Previews

White Background



This preview shows how the RGB color 249, 249, 250 looks on a white background.

Color Contrast Check

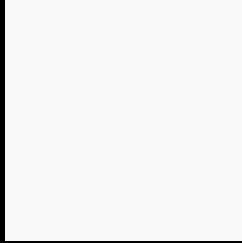
Large Text (above 18pt) WCAG AA × Fail

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, 249, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

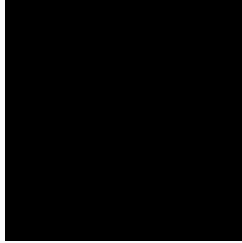
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

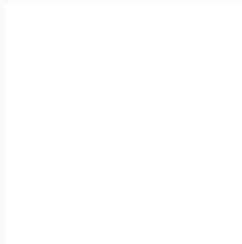
Any Text WCAG AAA ✓ Pass

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

RYB 249, 249, 250 Background



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

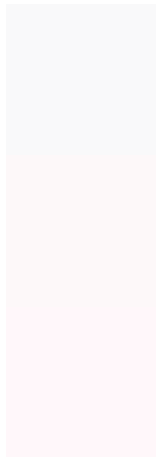


This preview shows how white text looks on a background with the RYB color 249, 249, 250.

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, 249, 250

Protanopia

253, 248, 249

Deuteranopia

255, 247, 250



Tritanopia

250, 248, 255

Trichromacy



Original Color

249, 249, 250

Protanomaly

252, 248, 249

Deuteranomaly

253, 248, 250

Tritanomaly

250, 248, 253

Monochromacy



Original Color

249, 249, 250

Achromatopsia

249, 249, 249

Achromatomaly

249, 249, 249

CSS Examples

Text

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

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

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, 249, 250) colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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