

Converting Colors

`RYB(247, 248, 249)`

Have a look what the booklet for RYB(247, 248, 249) contains.

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Color

R_YB(247, 248, 249)

Conversions

Conversions Part 1

Format	Color
Hex	F7F9F9
RGB	247, 249, 249
RGB Percent	97%, 98%, 98%
CMY	0.0314, 0.0235, 0.0235
CMYK	0.01, 0.00, 0.00, 0.02
HSL	180°, 14%, 97%
HSV	180°, 1%, 98%
XYZ	89.3323, 94.3651, 103.1285
YIQ	248.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

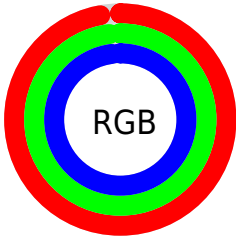
Format	Color
R _Y B	247, 248, 249
Decimal	16251385
CIE Lab	97.78, -0.65, -0.24
CIE LCh	98, 0.698, 200.292
Yxy	94.3651, 0.3115, 0.3290
Android (android.graphics.Color)	4294441465 (0xFFFF7F9F9)
YUV	248.4020, 0.2948, -1.2296
Hunter-Lab	97.1417, -5.8478, 5.0552

Details

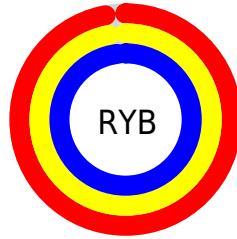
The RYB color 247, 248, 249 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 249, 247, 247, and the grayscale version is 248, 248, 248.

A 20% lighter version of the original color is 255, 255, 255, and 191, 192, 193 is the 20% darker color. If you saturate the color by 10%, you get 222, 236, 249, and if you desaturate by 10%, it is 255, 249, 249.

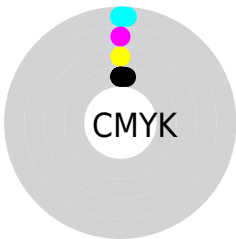
Distribution



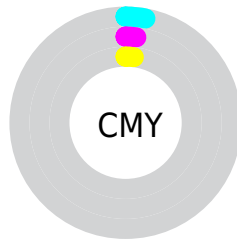
- Red (97%)
- Green (98%)
- Blue (98%)



- Red (97%)
- Yellow (97%)
- Blue (98%)



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



- Cyan (3%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 248, 249 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 247, 248, 249 by changing the saturation by 10% instead.

 247, 248, 249

255, 255, 255

 247, 248, 249

 219, 220, 220

 191, 192, 193

 164, 165, 165

 137, 138, 139

 112, 113, 114

 88, 89, 89

 64, 65, 66

 42, 43, 44

 22, 23, 23

247, 248, 249

247, 248, 249

222, 236, 249

255, 249, 249

197, 223, 249

172, 211, 249

147, 198, 249

123, 186, 249

98, 174, 249

73, 161, 249

48, 149, 249

23, 136, 249

Harmonies

Analogous

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



247, 248, 249



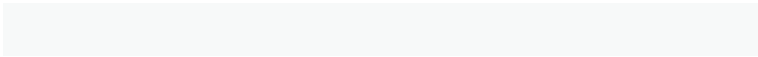
247, 248, 249



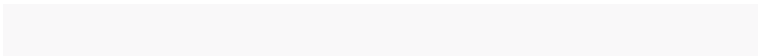
247, 248, 250

Triad

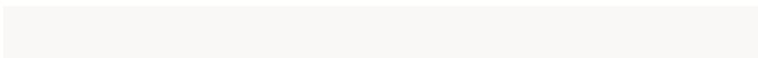
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247, 248, 249



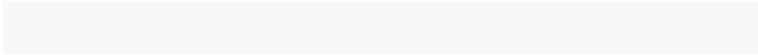
249, 248, 249



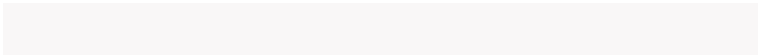
249, 249, 247

Complementary

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



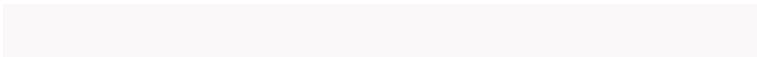
247, 248, 249



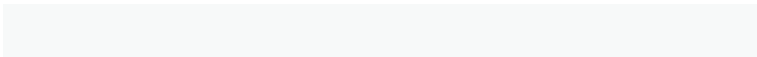
249, 247, 247

Split Complementary

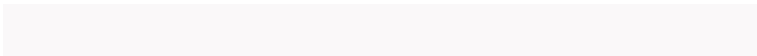
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



250, 248, 248



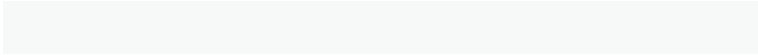
247, 248, 249



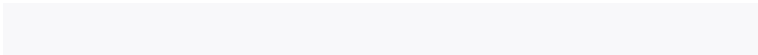
250, 248, 249

Square

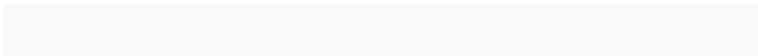
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



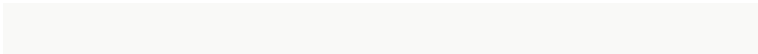
247, 248, 249



248, 248, 250



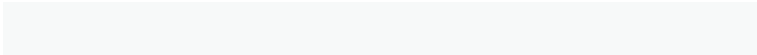
250, 248, 248



247, 249, 247

Rectangle

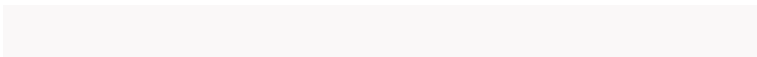
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



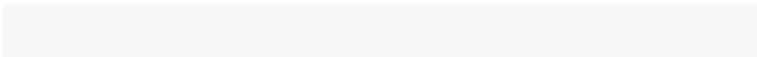
247, 248, 249



247, 248, 250



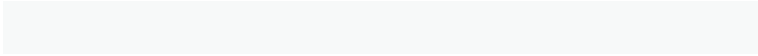
250, 248, 248



250, 249, 247

Sweetspot

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



247, 248, 249

255, 255, 255



247, 249, 249



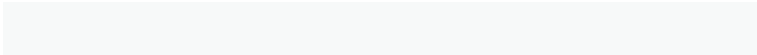
128, 128, 128



0, 0, 0

Same Dimension

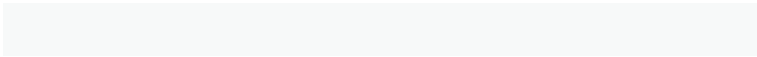
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247, 248, 249



252, 254, 255



247, 248, 249



124, 125, 125



0, 95, 189



0, 31, 61

Inverse Universe

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



249, 247, 249



255, 252, 255



249, 249, 247



125, 124, 125



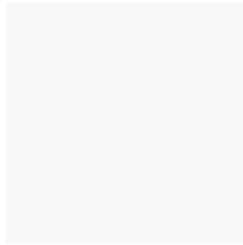
189, 0, 189



61, 0, 61

Previews

White Background



This preview shows how the RYB color 247, 248, 249 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 247, 248, 249 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

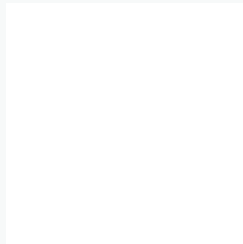
Any Text WCAG AAA ✓ Pass

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

RYB 247, 248, 249 Background



This preview shows how black text looks on a background with the RYB color 247, 248, 249.

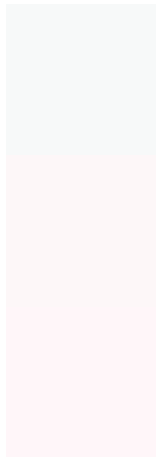


This preview shows how white text looks on a background with the RYB color 247, 248, 249.

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
247, 248, 249

Protanopia
253, 247, 248

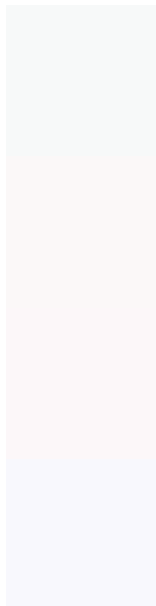
Deuteranopia
255, 246, 249



Tritanopia

249, 248, 255

Trichromacy



Original Color

247, 248, 249

Protanomaly

251, 248, 248

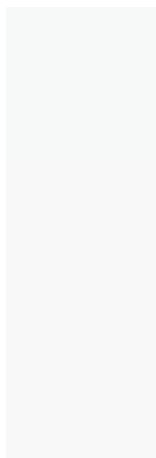
Deuteranomaly

252, 247, 249

Tritanomaly

248, 248, 253

Monochromacy



Original Color

247, 248, 249

Achromatopsia

248, 248, 248

Achromatomaly

248, 248, 248

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 248, 249 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(247, 249, 249) looks like.

```
.text, #text, p{  
    color:rgb(247, 249, 249)  
}
```

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(247, 249, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 249, 249) }
```

Border

The CSS property to change the border of an element to RYB 247, 248, 249 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(247, 249, 249) }
```

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

```
.border{ border-color:rgb(247, 249, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 249, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 249, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 249, 249);  
box-shadow:4px 4px 4px 4px rgb(247, 249,  
249) }
```

Background

The CSS property to change the background color of an element to RYB 247, 248, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 249, 249) }
```

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

```
.background{ background-color: rgb(247,  
249, 249) }
```

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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