

Converting Colors

`RYB(252, 249, 252)`

Have a look what the booklet for RYB(252, 249, 252) contains.

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Color

R_YB(252, 249, 252)

Conversions

Conversions Part 1

Format	Color
Hex	FCF9FC
RGB	252, 249, 252
RGB Percent	99%, 98%, 99%
CMY	0.0118, 0.0235, 0.0118
CMYK	0.00, 0.01, 0.00, 0.01
HSL	300°, 33%, 98%
HSV	300°, 1%, 99%
XYZ	91.5913, 95.4751, 105.6966
YIQ	250.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

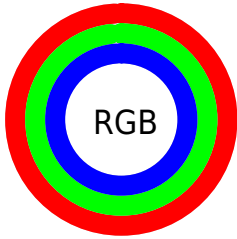
Format	Color
R _Y B	252, 249, 252
Decimal	16579068
CIE Lab	98.22, 1.52, -1.09
CIE LCh	98, 1.875, 324.344
Yxy	95.4751, 0.3129, 0.3261
Android (android.graphics.Color)	4294769148 (0xFFFCF9FC)
YUV	250.2390, 0.8682, 1.5444
Hunter-Lab	97.7114, -3.6751, 4.2626

Details

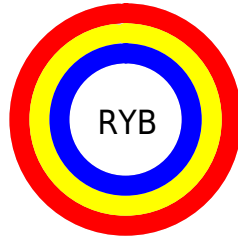
The RYB color 252, 249, 252 is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be 249, 252, 252, and the grayscale version is 250, 250, 250.

A 20% lighter version of the original color is 255, 255, 255, and 195, 193, 195 is the 20% darker color. If you saturate the color by 10%, you get 252, 224, 252, and if you desaturate by 10%, it is 252, 255, 255.

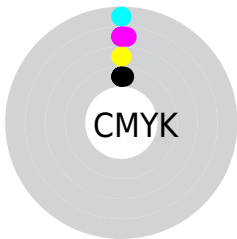
Distribution



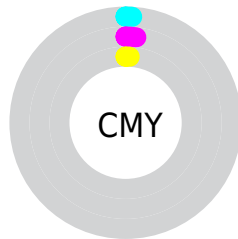
- Red (99%)
- Green (98%)
- Blue (99%)



- Red (99%)
- Yellow (98%)
- Blue (99%)



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 249, 252 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 252, 249, 252 by changing the saturation by 10% instead.

 252, 249, 252

255, 255, 255

 252, 249, 252

 223, 220, 223

 195, 193, 195

 168, 165, 168


 142, 139, 142

 116, 114, 116

 92, 89, 92

 68, 66, 68

 46, 44, 46


 25, 23, 25


 252, 249, 252

 252, 249, 252


 252, 224, 252

 252, 255, 255

 252, 199, 252

 252, 173, 252


 252, 148, 252

 252, 123, 252

 252, 98, 252

 252, 73, 252

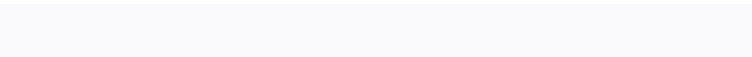
 252, 47, 252

 252, 22, 252

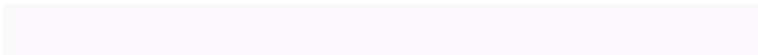
Harmonies

Analogous

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



250, 250, 253



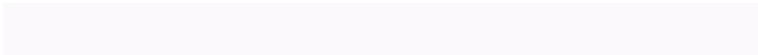
252, 249, 252



254, 249, 250

Triad

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



252, 249, 252



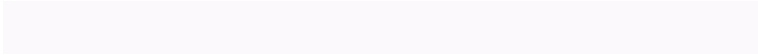
249, 252, 246



246, 249, 251

Complementary

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



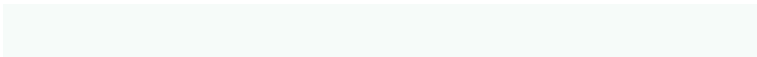
252, 249, 252



249, 252, 252

Split Complementary

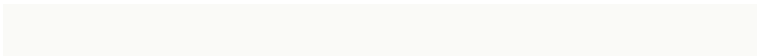
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246, 249, 251



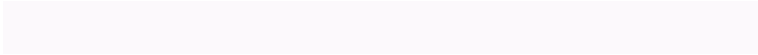
252, 249, 252



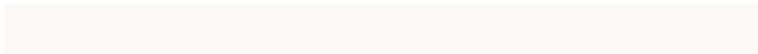
247, 250, 247

Square

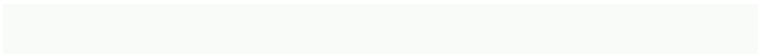
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



252, 249, 252



253, 250, 247



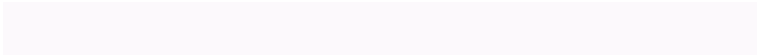
248, 251, 251



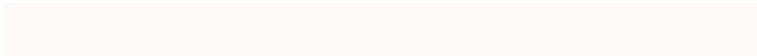
246, 249, 253

Rectangle

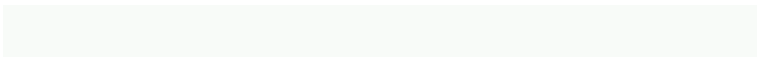
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



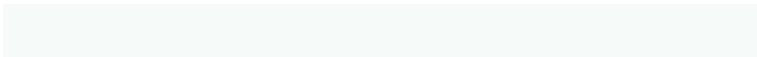
252, 249, 252



254, 249, 249



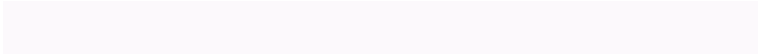
248, 251, 251



246, 249, 251

Sweetspot

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



252, 249, 252

255, 255, 255



249, 249, 252



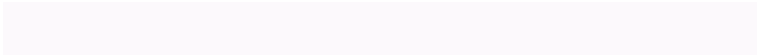
128, 128, 128



0, 0, 0

Same Dimension

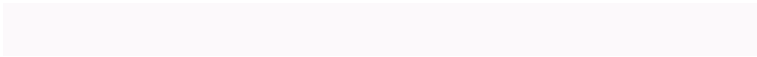
The Same Dimension uses a secret algorithm to generate beautiful new colors.



252, 249, 252



255, 252, 255



252, 249, 251



125, 124, 125



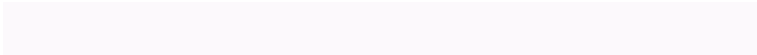
189, 0, 189



61, 0, 61

Inverse Universe

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



252, 249, 252



255, 252, 255



249, 251, 252



125, 124, 125



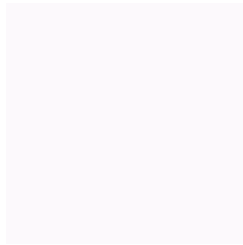
189, 0, 189



61, 0, 61

Previews

White Background



This preview shows how the RYB color 252, 249, 252 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 252, 249, 252 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 252, 249, 252 Background



This preview shows how black text looks on a background with the RYB color 252, 249, 252.



This preview shows how white text looks on a background with the RYB color 252, 249, 252.

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
[252, 249, 252](#)

Protanopia
[254, 249, 252](#)

Deuteranopia
[255, 248, 251](#)

Tritanopia
251, 249, 255

Trichromacy

Original Color

252, 249, 252

Protanomaly

253, 249, 252

Deuteranomaly

254, 248, 251

Tritanomaly

251, 249, 254

Monochromacy

Original Color

252, 249, 252

Achromatopsia

250, 250, 250

Achromatomaly

251, 250, 251

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 249, 252 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(252, 249, 252) looks like.

```
.text, #text, p{  
    color:rgb(252, 249, 252)  
}
```

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(252, 249, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 249, 252) }
```

Border

The CSS property to change the border of an element to RYB 252, 249, 252 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(252, 249, 252) }
```

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

```
.border{ border-color:rgb(252, 249, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 249, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 249, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 249, 252);  
box-shadow:4px 4px 4px 4px rgb(252, 249,  
252) }
```

Background

The CSS property to change the background color of an element to RYB 252, 249, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 249, 252) }
```

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

```
.background{ background-color: rgb(252,  
249, 252) }
```

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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