

Converting Colors

`RYB(254, 249, 252)`

Have a look what the booklet for RYB(254, 249, 252) contains.

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Color

R_YB(254, 249, 252)

Conversions

Conversions Part 1

Format	Color
Hex	FEF9FC
RGB	254, 249, 252
RGB Percent	100%, 98%, 99%
CMY	0.0039, 0.0235, 0.0118
CMYK	0.00, 0.02, 0.01, 0.00
HSL	324°, 71%, 99%
HSV	324°, 2%, 100%
XYZ	92.3194, 95.8505, 105.7307
YIQ	250.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

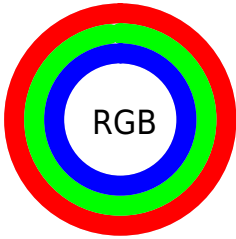
Format	Color
RYB	254, 249, 252
Decimal	16710140
CIELab	98.37, 2.18, -0.86
CIELCh	98, 2.346, 338.590
Yxy	95.8505, 0.3141, 0.3261
Android (android.graphics.Color)	4294900220 (0xFFFEF9FC)
YUV	250.8370, 0.5734, 2.7740
Hunter-Lab	97.9033, -3.0113, 4.5020

Details

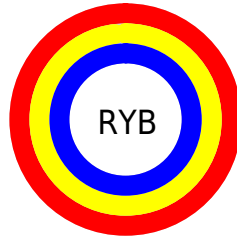
The RYB color 254, 249, 252 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 249, 253, 254, and the grayscale version is 251, 251, 251.

A 20% lighter version of the original color is 255, 255, 255, and 197, 193, 195 is the 20% darker color. If you saturate the color by 10%, you get 254, 224, 242, and if you desaturate by 10%, it is 254, 255, 255.

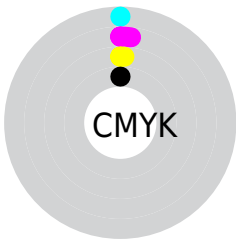
Distribution



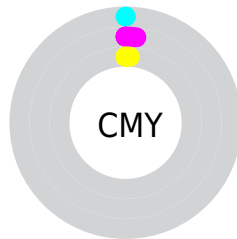
- Red (100%)
- Green (98%)
- Blue (99%)



- Red (100%)
- Yellow (98%)
- Blue (99%)



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 254, 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 254, 249, 252 by changing the saturation by 10% instead.


 254, 249, 252

255, 255, 255

 254, 249, 252

 225, 220, 223

 197, 193, 195


 170, 165, 168

 144, 139, 142

 118, 114, 116

 93, 89, 92

 70, 66, 68

 48, 44, 46


 27, 23, 25


 254, 249, 252


 254, 249, 252


 254, 224, 242

254, 255, 255

 254, 198, 232

 254, 173, 222

 254, 147, 211

 254, 122, 201

 254, 97, 191

 254, 71, 181

 254, 46, 171

 254, 20, 161

Harmonies

Analogous

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



252, 250, 254



254, 249, 252



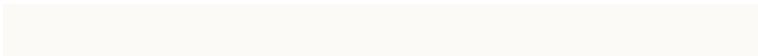
255, 249, 250

Triad

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



254, 249, 252



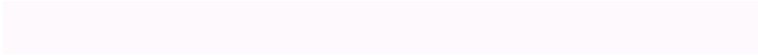
249, 252, 246



245, 249, 253

Complementary

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



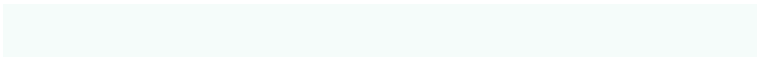
254, 249, 252



249, 253, 254

Split Complementary

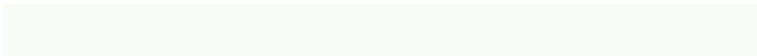
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245, 249, 252



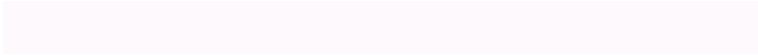
254, 249, 252



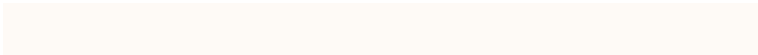
247, 251, 249

Square

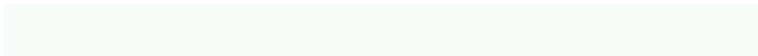
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



254, 249, 252



254, 254, 246



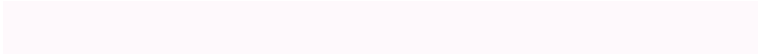
247, 251, 252



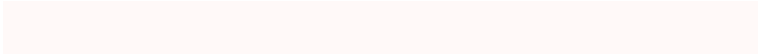
246, 249, 254

Rectangle

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



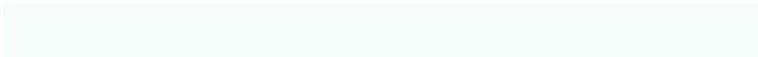
254, 249, 252



255, 249, 248



247, 251, 252



245, 249, 252

Sweetspot

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



254, 249, 252



255, 252, 254



251, 249, 254



128, 126, 127



0, 0, 0



128, 128, 128

Same Dimension

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



254, 249, 252



255, 250, 253



254, 249, 250



128, 125, 126



191, 0, 115



64, 0, 38

Inverse Universe

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



254, 249, 252



255, 250, 253



249, 252, 254



128, 125, 126



191, 0, 115



64, 0, 38

Previews

White Background



This preview shows how the RYB color 254, 249, 252 looks on a white background.

Color Contrast Check

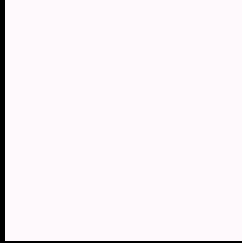
Large Text (above 18pt) WCAG AA × Fail

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 254, 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 254, 249, 252 Background



This preview shows how black text looks on a background with the RYB color 254, 249, 252.



This preview shows how white text looks on a background with the RYB color 254, 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
[254, 249, 252](#)

Protanopia
[254, 249, 252](#)

Deuteranopia
[255, 249, 251](#)

Tritanopia

252, 249, 255

Trichromacy

Original Color

254, 249, 252

Protanomaly

254, 249, 252

Deuteranomaly

255, 249, 251

Tritanomaly

253, 249, 254

Monochromacy

Original Color

254, 249, 252

Achromatopsia

251, 251, 251

Achromatomaly

252, 250, 251

CSS Examples

Text

The CSS property to change the color of the text to RYB 254, 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(254, 249, 252) looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 249, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 249, 252) }
```

Border

The CSS property to change the border of an element to RYB 254, 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(254, 249, 252) }
```

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

```
.border{ border-color:rgb(254, 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(254, 249, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 249, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 249, 252);  
box-shadow:4px 4px 4px 4px rgb(254, 249,  
252) }
```

Background

The CSS property to change the background color of an element to RYB 254, 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(254, 249, 252) }
```

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

```
.background{ background-color: rgb(254,  
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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