

Converting Colors

`RYB(249, 244, 246)`

Have a look what the booklet for
RYB(249, 244, 246) contains.

RYB(249, 244, 246)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(249, 244, 246)

Conversions

Conversions Part 1

Format	Color
Hex	F9F4F6
RGB	249, 244, 246
RGB Percent	98%, 96%, 96%
CMY	0.0235, 0.0431, 0.0353
CMYK	0.00, 0.02, 0.01, 0.02
HSL	336°, 29%, 97%
HSV	336°, 2%, 98%
XYZ	88.0522, 91.4949, 100.2082
YIQ	245.7230, 2.3380, 1.6820

Conversions

Conversions Part 2

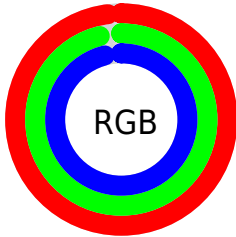
Format	Color
R_{YB}	249, 244, 246
Decimal	16381174
CIE Lab	96.61, 2.02, -0.38
CIE LCh	97, 2.053, 349.339
Yxy	91.4949, 0.3147, 0.3271
Android (android.graphics.Color)	4294571254 (0xFFFF9F4F6)
YUV	245.7230, 0.1366, 2.8739
Hunter-Lab	95.6530, -3.0768, 4.8435

Details

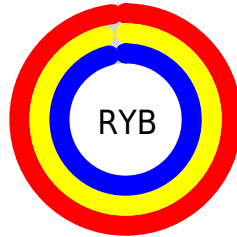
The RYB color **249, 244, 246** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **244, 247, 249**, and the grayscale version is **246, 246, 246**.

A 20% lighter version of the original color is **255, 255, 255**, and **193, 188, 190** is the 20% darker color. If you saturate the color by 10%, you get **249, 219, 231**, and if you desaturate by 10%, it is **249, 252, 255**.

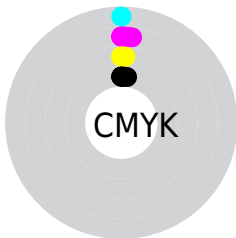
Distribution



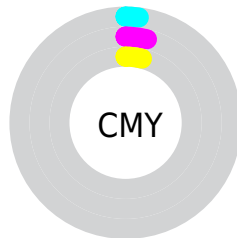
- Red (98%)
- Green (96%)
- Blue (96%)



- Red (98%)
- Yellow (96%)
- Blue (96%)



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



- Cyan (2%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 249, 244, 246 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, 244, 246 by changing the saturation by 10% instead.

 249, 244, 246

255, 255, 255

 249, 244, 246

 220, 216, 218

 193, 188, 190

 165, 161, 163

 139, 135, 136

 114, 109, 111

 89, 85, 87

 66, 62, 64

 44, 40, 42

 23, 20, 21

 249, 244, 246


 249, 244, 246

 249, 219, 231

 249, 252, 255


 249, 194, 216

 249, 169, 201

 249, 144, 186

 249, 120, 171

 249, 95, 156

 249, 70, 141

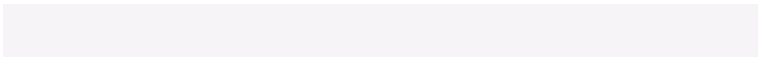
 249, 45, 126

 249, 20, 112

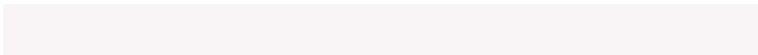
Harmonies

Analogous

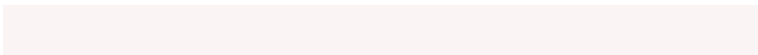
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247, 244, 248



249, 244, 246



250, 244, 244

Triad

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



249, 244, 246



242, 246, 241



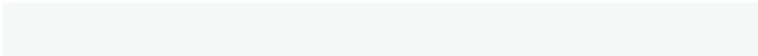
241, 244, 248

Complementary

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



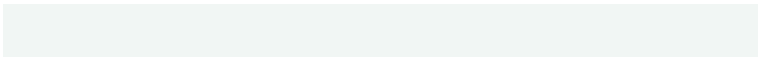
249, 244, 246



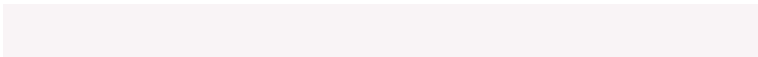
244, 247, 249

Split Complementary

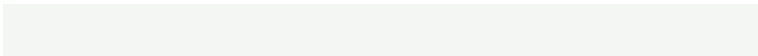
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241, 244, 246



249, 244, 246



243, 246, 246

Square

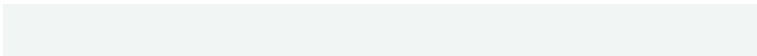
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



249, 244, 246



246, 248, 241



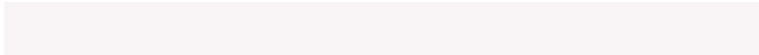
241, 244, 246



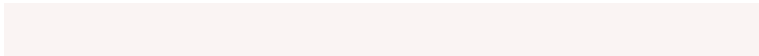
243, 245, 249

Rectangle

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



249, 244, 246



250, 244, 243



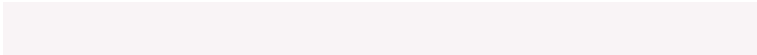
241, 244, 246



241, 244, 248

Sweetspot

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



249, 244, 246



255, 252, 253



247, 244, 249



128, 126, 127



0, 0, 0



128, 128, 128

Same Dimension

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



249, 244, 246



255, 250, 252



249, 245, 244



125, 122, 123



189, 0, 75



61, 0, 24

Inverse Universe

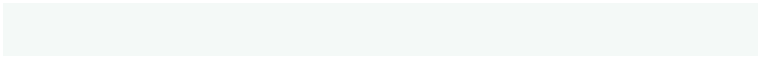
The Inverse Universe completely reimagines the original color for something new.



249, 244, 246



255, 250, 252



244, 247, 249



125, 122, 123



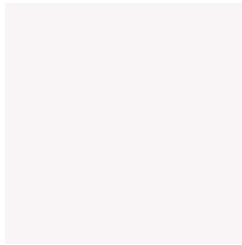
189, 0, 75



61, 0, 24

Previews

White Background



This preview shows how the RYB color 249, 244, 246 looks on a white background.

Color Contrast Check

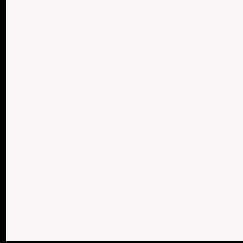
Large Text (above 18pt) WCAG AA × Fail

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, 244, 246 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

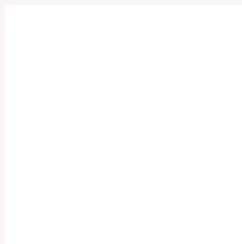
Any Text WCAG AAA ✓ Pass

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

RYB 249, 244, 246 Background



This preview shows how black text looks on a background with the RYB color 249, 244, 246.

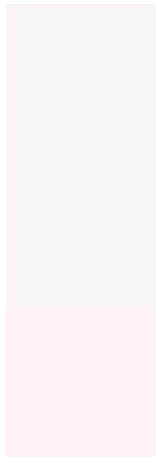


This preview shows how white text looks on a background with the RYB color 249, 244, 246.

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, 244, 246

Protanopia

249, 244, 246

Deuteranopia

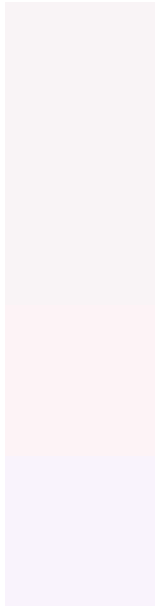
255, 242, 246



Tritanopia

249, 243, 255

Trichromacy



Original Color

249, 244, 246

Protanomaly

249, 244, 246

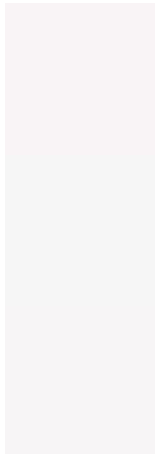
Deuteranomaly

253, 243, 246

Tritanomaly

249, 243, 252

Monochromacy



Original Color

249, 244, 246

Achromatopsia

246, 246, 246

Achromatomaly

247, 245, 246

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 244, 246 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, 244, 246) looks like.

```
.text, #text, p{  
    color:rgb(249, 244, 246)  
}
```

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, 244, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 244, 246) }
```

Border

The CSS property to change the border of an element to RYB 249, 244, 246 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, 244, 246) }
```

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

```
.border{ border-color:rgb(249, 244, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 244, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 244, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 244, 246);  
box-shadow:4px 4px 4px 4px rgb(249, 244,  
246) }
```

Background

The CSS property to change the background color of an element to RYB 249, 244, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 244, 246) }
```

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

```
.background{ background-color: rgb(249,  
244, 246) }
```

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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