

Converting Colors

`RYB(249, 246, 255)`

Have a look what the booklet for RYB(249, 246, 255) contains.

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Color

R_YB(249, 246, 255)

Conversions

Conversions Part 1

Format	Color
Hex	F9F6FF
RGB	249, 246, 255
RGB Percent	98%, 96%, 100%
CMY	0.0235, 0.0353, 0.0000
CMYK	0.02, 0.04, 0.00, 0.00
HSL	260°, 100%, 98%
HSV	260°, 4%, 100%
XYZ	90.0727, 93.2713, 107.8636
YIQ	247.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

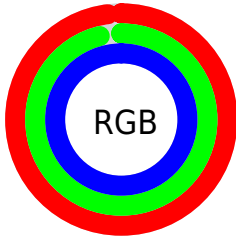
Format	Color
R_{YB}	249, 246, 255
Decimal	16381695
CIE _{Lab}	97.34, 2.60, -3.96
CIE _{LCh}	97, 4.739, 303.225
Yxy	93.2713, 0.3093, 0.3203
Android (android.graphics.Color)	4294571775 (0xFFFF9F6FF)
YUV	247.9230, 3.4890, 0.9445
Hunter-Lab	96.5771, -2.5316, 1.3850

Details

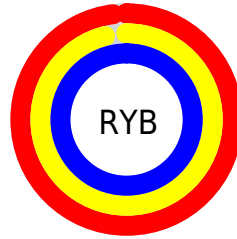
The RYB color 249, 246, 255 is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be 246, 255, 249, and the grayscale version is 248, 248, 248.

A 20% lighter version of the original color is 255, 255, 255, and 193, 190, 198 is the 20% darker color. If you saturate the color by 10%, you get 232, 221, 255, and if you desaturate by 10%, it is 255, 255, 255.

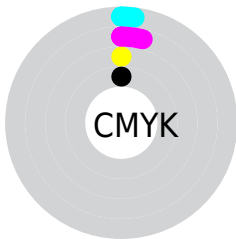
Distribution



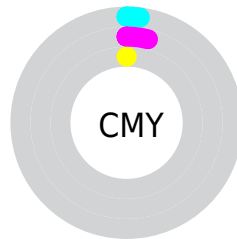
- Red (98%)
- Green (96%)
- Blue (100%)



- Red (98%)
- Yellow (96%)
- Blue (100%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 249, 246, 255 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, 246, 255 by changing the saturation by 10% instead.

 249, 246, 255


255, 255, 255

 249, 246, 255

 220, 218, 226

 193, 190, 198

 165, 163, 171

 139, 136, 145

 114, 111, 119

 89, 87, 94

 66, 64, 71

 44, 42, 48

 23, 21, 27

249, 246, 255

249, 246, 255

232, 221, 255

255, 255, 255

215, 195, 255

198, 170, 255

181, 144, 255

164, 119, 255

147, 93, 255

130, 67, 255

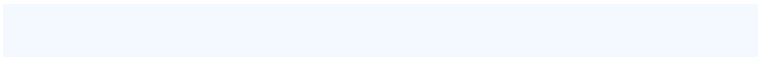
113, 42, 255

96, 16, 255

Harmonies

Analogous

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



243, 247, 255



249, 246, 255



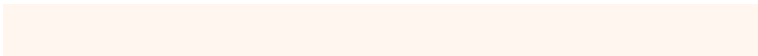
254, 245, 252

Triad

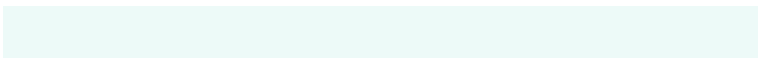
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249, 246, 255



255, 251, 239



237, 244, 250

Complementary

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



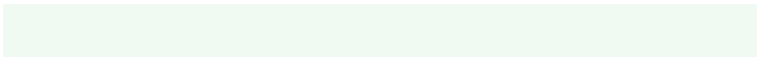
249, 246, 255



246, 255, 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.



240, 248, 250



249, 246, 255



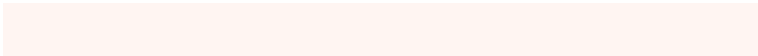
244, 251, 238

Square

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



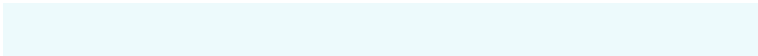
249, 246, 255



255, 246, 242



240, 249, 243



237, 244, 252

Rectangle

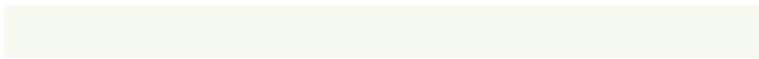
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



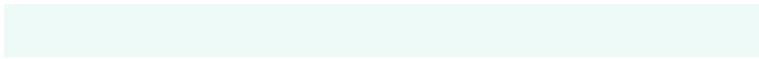
249, 246, 255



255, 244, 249



240, 249, 243



238, 245, 250

Sweetspot

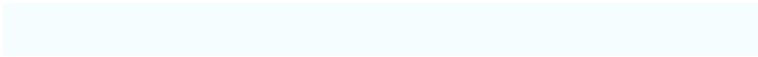
The Sweet Spot groups the original color and five complimentary colors.



249, 246, 255



253, 252, 255



246, 250, 255



127, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



249, 246, 255



248, 245, 255



253, 246, 255



123, 121, 128



64, 0, 191



21, 0, 64

Inverse Universe

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



255, 246, 252



255, 245, 252



246, 255, 253



128, 121, 125



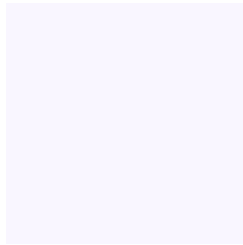
191, 0, 128



64, 0, 43

Previews

White Background



This preview shows how the RYB color 249, 246, 255 looks on a white background.

Color Contrast Check

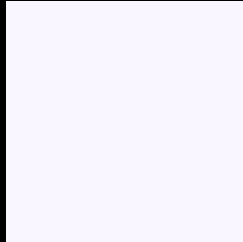
Large Text (above 18pt) WCAG AA × Fail

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, 246, 255 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

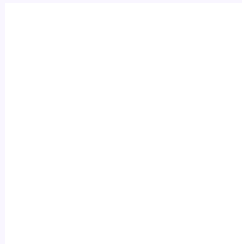
Any Text WCAG AAA ✓ Pass

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

RYP 249, 246, 255 Background



This preview shows how black text looks on a background with the RYP color 249, 246, 255.

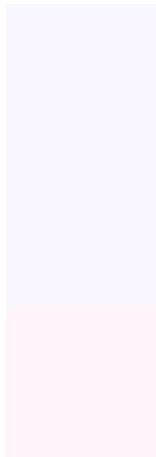


This preview shows how white text looks on a background with the RYP color 249, 246, 255.

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](#), [246](#), [255](#)

Protanopia
[249](#), [246](#), [255](#)

Deuteranopia
[255](#), [244](#), [251](#)



Tritanopia

249, 246, 255

Trichromacy



Original Color

249, 246, 255

Protanomaly

249, 246, 255

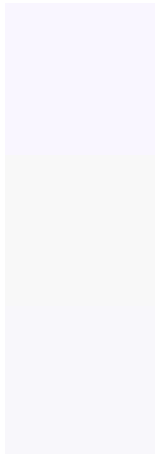
Deuteranomaly

253, 245, 252

Tritanomaly

249, 246, 255

Monochromacy



Original Color

249, 246, 255

Achromatopsia

248, 248, 248

Achromatomaly

248, 247, 251

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 246, 255 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, 246, 255) looks like.

```
.text, #text, p{  
    color:rgb(249, 246, 255)  
}
```

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, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 246, 255) }
```

Border

The CSS property to change the border of an element to RYB 249, 246, 255 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, 246, 255) }
```

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

```
.border{ border-color:rgb(249, 246, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 246,  
255) }
```

Background

The CSS property to change the background color of an element to RYB 249, 246, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 246, 255) }
```

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

```
.background{ background-color: rgb(249,  
246, 255) }
```

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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