

Converting Colors

`RYB(249, 236, 251)`

Have a look what the booklet for
RYB(249, 236, 251) contains.

RYB(249, 236, 251)	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, 236, 251)

Conversions

Conversions Part 1

Format	Color
Hex	F9ECFB
RGB	249, 236, 251
RGB Percent	98%, 93%, 98%
CMY	0.0235, 0.0745, 0.0157
CMYK	0.01, 0.06, 0.00, 0.02
HSL	292°, 65%, 95%
HSV	292°, 6%, 98%
XYZ	86.4750, 87.0957, 103.5202
YIQ	241.5970, 2.9330, 7.4210

Conversions

Conversions Part 2

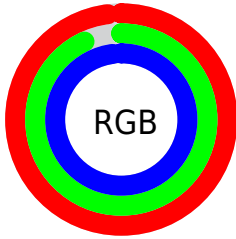
Format	Color
R _Y B	249, 236, 251
Decimal	16379131
CIE Lab	94.78, 7.00, -5.66
CIE LCh	95, 9.002, 321.018
Yxy	87.0957, 0.3121, 0.3143
Android (android.graphics.Color)	4294569211 (0xFF99E9FB)
YUV	241.5970, 4.6357, 6.4924
Hunter-Lab	93.3251, 2.0792, -0.4395

Details

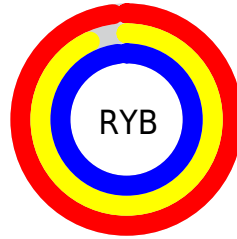
The RYB color **249, 236, 251** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **236, 251, 249**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is **255, 255, 255**, and **193, 180, 195** is the 20% darker color. If you saturate the color by 10%, you get **246, 211, 251**, and if you desaturate by 10%, it is **251, 255, 254**.

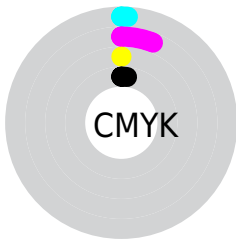
Distribution



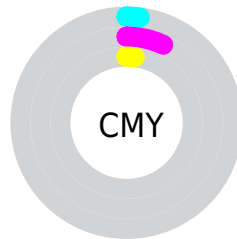
- Red (98%)
- Green (93%)
- Blue (98%)



- Red (98%)
- Yellow (93%)
- Blue (98%)



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (2%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 249, 236, 251 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, 236, 251 by changing the saturation by 10% instead.

 249, 236, 251


255, 255, 255

 249, 236, 251

 220, 208, 222

 193, 180, 195

 165, 153, 167

 139, 127, 141

 114, 102, 115

 89, 78, 91

 66, 56, 67


 43, 34, 45


 24, 12, 25

 249, 236, 251

 249, 236, 251


 246, 211, 251


 251, 255, 254

 242, 186, 251


 251, 255, 251

 239, 161, 251

 236, 136, 251

 232, 111, 251

 229, 85, 251

 226, 60, 251

 222, 35, 251

 219, 10, 251

Harmonies

Analogous

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



239, 239, 255



249, 236, 251



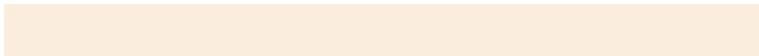
255, 234, 243

Triad

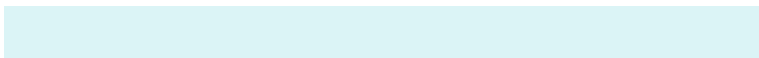
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249, 236, 251



245, 250, 223



219, 232, 246

Complementary

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



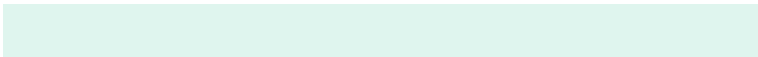
249, 236, 251



236, 251, 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.



223, 236, 245



249, 236, 251



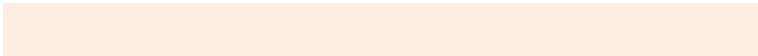
224, 241, 224

Square

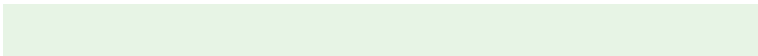
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



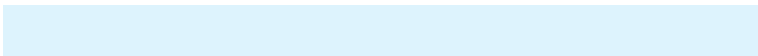
249, 236, 251



255, 240, 227



229, 244, 242



221, 234, 253

Rectangle

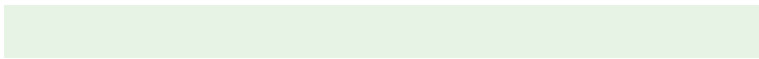
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



249, 236, 251



255, 234, 237



229, 244, 242



219, 233, 245

Sweetspot

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



249, 236, 251



254, 250, 255



236, 238, 251



127, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



249, 236, 251



253, 237, 255



251, 236, 245



124, 115, 125



164, 0, 189



53, 0, 61

Inverse Universe

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



251, 236, 238



255, 237, 240



236, 247, 251



125, 115, 116



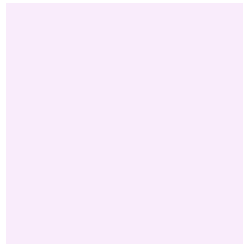
189, 0, 25



61, 0, 8

Previews

White Background



This preview shows how the RYB color 249, 236, 251 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, 236, 251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

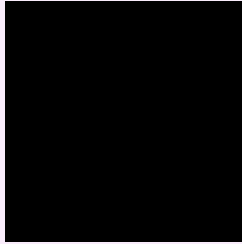
Any Text WCAG AA ✓ Pass

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, 236, 251 Background



This preview shows how black text looks on a background with the RYB color 249, 236, 251.



This preview shows how white text looks on a background with the RYB color 249, 236, 251.

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, 236, 251

Protanopia
241, 239, 253

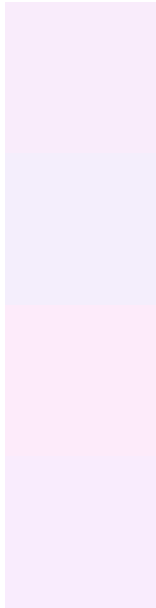
Deuteranopia
255, 234, 250



Tritanopia

249, 236, 254

Trichromacy



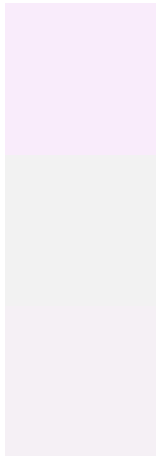
Original Color
249, 236, 251

Protanomaly
244, 238, 252

Deuteranomaly
253, 235, 250

Tritanomaly
249, 236, 253

Monochromacy



Original Color
249, 236, 251

Achromatopsia
242, 242, 242

Achromatomaly
245, 240, 245

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 236, 251 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, 236, 251) looks like.

```
.text, #text, p{  
    color:rgb(249, 236, 251)  
}
```

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, 236, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 236, 251) }
```

Border

The CSS property to change the border of an element to RYB 249, 236, 251 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, 236, 251) }
```

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

```
.border{ border-color:rgb(249, 236, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 236, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 236, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 236, 251);  
box-shadow:4px 4px 4px 4px rgb(249, 236,  
251) }
```

Background

The CSS property to change the background color of an element to RYB 249, 236, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 236, 251) }
```

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

```
.background{ background-color: rgb(249,  
236, 251) }
```

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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