

Converting Colors

`RYB(241, 252, 244)`

Have a look what the booklet for RYB(241, 252, 244) contains.

RYB(241, 252, 244)	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(241, 252, 244)

Conversions

Conversions Part 1

Format	Color
Hex	F9FCF1
RGB	249, 252, 241
RGB Percent	98%, 99%, 95%
CMY	0.0235, 0.0118, 0.0549
CMYK	0.01, 0.00, 0.04, 0.01
HSL	76°, 65%, 97%
HSV	76°, 4%, 99%
XYZ	89.7545, 96.1114, 97.0399
YIQ	249.8490, 1.7430, -4.0570

Conversions

Conversions Part 2

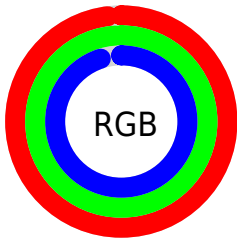
Format	Color
R_{YB}	241, 252, 244
Decimal	16383217
CIE _{Lab}	98.48, -2.89, 4.90
CIE _{LCh}	98, 5.693, 120.521
Yxy	96.1114, 0.3173, 0.3397
Android (android.graphics.Color)	4294573297 (0xFFFF9FCF1)
YUV	249.8490, -4.3626, -0.7446
Hunter-Lab	98.0364, -8.1431, 9.9382

Details

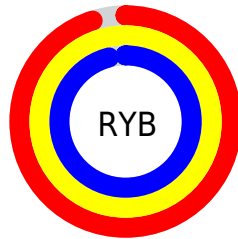
The RYB color 241, 252, 244 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 244, 241, 252, and the grayscale version is 250, 250, 250.

A 20% lighter version of the original color is 255, 255, 255, and 185, 195, 187 is the 20% darker color. If you saturate the color by 10%, you get 216, 252, 226, and if you desaturate by 10%, it is 255, 252, 255.

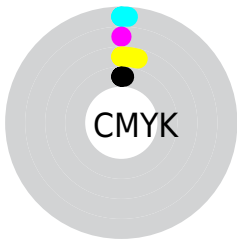
Distribution



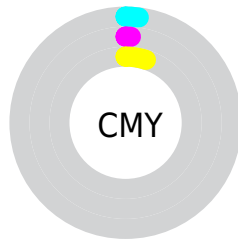
- Red (98%)
- Green (99%)
- Blue (95%)



- Red (95%)
- Yellow (99%)
- Blue (96%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)



- Cyan (2%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 241, 252, 244 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 241, 252, 244 by changing the saturation by 10% instead.

 241, 252, 244


255, 255, 255

 241, 252, 244

 213, 223, 216

 185, 195, 187

 158, 168, 161

 132, 142, 135

 107, 116, 109

 83, 92, 86

 60, 68, 62

 38, 46, 40

 17, 25, 19

241, 252, 244

241, 252, 244

216, 252, 226

255, 252, 255

191, 252, 208

165, 252, 189

140, 252, 170

115, 252, 152

90, 252, 134

65, 252, 116

39, 252, 97

14, 252, 79

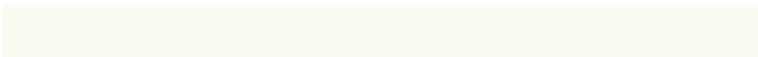
Harmonies

Analogous

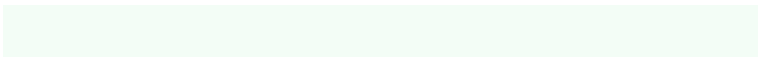
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248, 255, 240



241, 252, 244



243, 251, 253

Triad

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



241, 252, 244



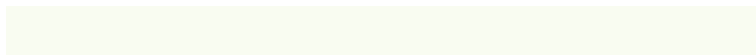
240, 247, 255



255, 247, 251

Complementary

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



241, 252, 244



244, 241, 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.



255, 248, 255



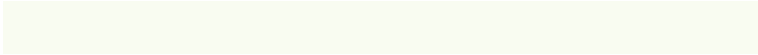
241, 252, 244



245, 249, 255

Square

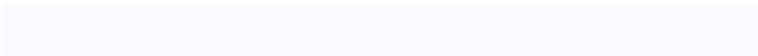
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



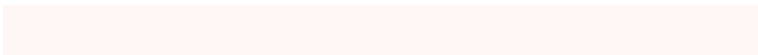
241, 252, 244



237, 246, 255



252, 249, 255



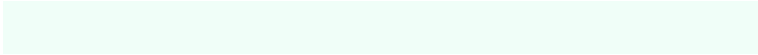
255, 248, 245

Rectangle

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



241, 252, 244



240, 249, 254



252, 249, 255



255, 247, 253

Sweetspot

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



241, 252, 244



252, 255, 253



252, 245, 241



126, 128, 127



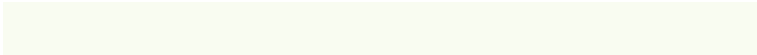
0, 0, 0



128, 128, 128

Same Dimension

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



241, 252, 244



242, 255, 245



241, 252, 249



117, 125, 119



0, 189, 52



0, 61, 16

Inverse Universe

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



244, 241, 252



246, 242, 255



249, 241, 252



119, 117, 125



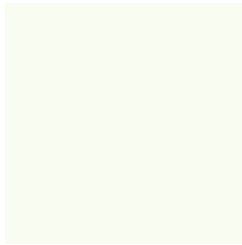
51, 0, 189



17, 0, 61

Previews

White Background



This preview shows how the RYB color 241, 252, 244 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 241, 252, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

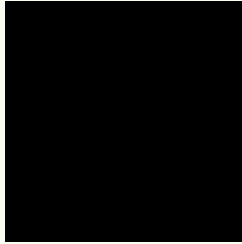
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

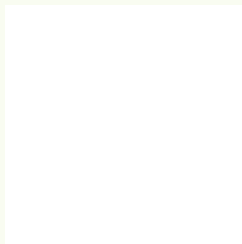
Any Text WCAG AAA ✓ Pass

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

RYB 241, 252, 244 Background



This preview shows how black text looks on a background with the RYB color 241, 252, 244.

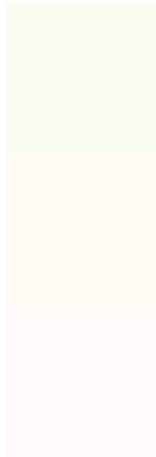


This preview shows how white text looks on a background with the RYB color 241, 252, 244.

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
[241](#), [252](#), [244](#)

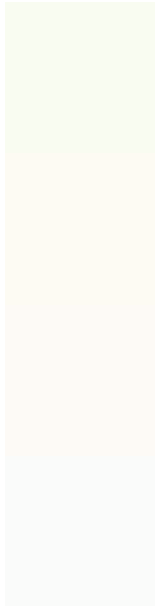
Protanopia
[253](#), [255](#), [244](#)

Deuteranopia
[255](#), [249](#), [249](#)

Tritanopia

251, 250, 255

Trichromacy



Original Color

241, 252, 244

Protanomaly

246, 253, 243

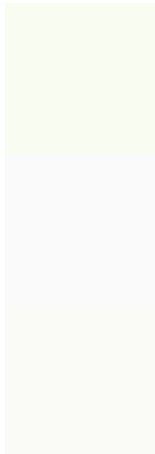
Deuteranomaly

251, 253, 246

Tritanomaly

250, 251, 251

Monochromacy



Original Color

241, 252, 244

Achromatopsia

250, 250, 250

Achromatomaly

247, 251, 248

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 252, 244 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, 252, 241) looks like.

```
.text, #text, p{  
    color:rgb(249, 252, 241)  
}
```

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, 252, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 252, 241) }
```

Border

The CSS property to change the border of an element to RYB 241, 252, 244 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, 252, 241) }
```

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

```
.border{ border-color:rgb(249, 252, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 252, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 252, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 252, 241);  
box-shadow:4px 4px 4px 4px rgb(249, 252,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 241, 252, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 252, 241) }
```

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

```
.background{ background-color: rgb(249,  
252, 241) }
```

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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