

Converting Colors

`RYB(241, 252, 250)`

Have a look what the booklet for RYB(241, 252, 250) contains.

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Color

R_YB(241, 252, 250)

Conversions

Conversions Part 1

Format	Color
Hex	F3FCF1
RGB	243, 252, 241
RGB Percent	95%, 99%, 95%
CMY	0.0471, 0.0118, 0.0549
CMYK	0.04, 0.00, 0.04, 0.01
HSL	109°, 65%, 97%
HSV	109°, 4%, 99%
XYZ	87.6497, 95.0264, 96.9414
YIQ	248.0550, -1.8330, -5.3290

Conversions

Conversions Part 2

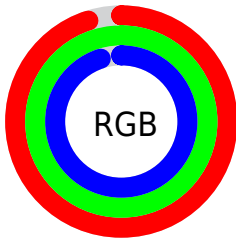
Format	Color
R_{YB}	241, 252, 250
Decimal	15990001
CIE Lab	98.04, -4.89, 4.22
CIE LCh	98, 6.464, 139.192
Yxy	95.0264, 0.3135, 0.3398
Android (android.graphics.Color)	4294180081 (0xFFFF3FCF1)
YUV	248.0550, -3.4781, -4.4332
Hunter-Lab	97.4815, -10.0956, 9.2755

Details

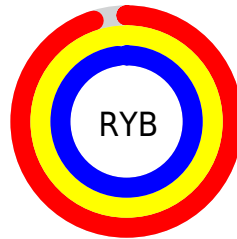
The RYB color 241, 252, 250 is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be 250, 241, 252, and the grayscale version is 248, 248, 248.

A 20% lighter version of the original color is 255, 255, 255, and 185, 195, 193 is the 20% darker color. If you saturate the color by 10%, you get 216, 252, 246, and if you desaturate by 10%, it is 255, 252, 255.

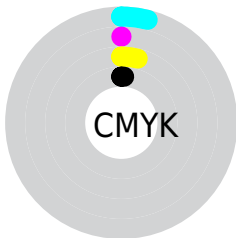
Distribution



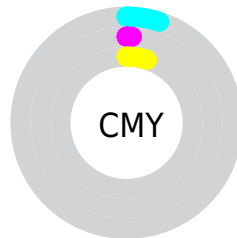
- Red (95%)
- Green (99%)
- Blue (95%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 241, 252, 250 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, 250 by changing the saturation by 10% instead.


 241, 252, 250

255, 255, 255

 241, 252, 250

 213, 223, 221

 185, 195, 193

 158, 168, 166

 132, 142, 140

 107, 116, 115

 83, 92, 91

 60, 68, 67

 38, 46, 45

 17, 25, 23

 241, 252, 250

 241, 252, 250

 216, 252, 246

 255, 252, 255

 191, 252, 241

 165, 252, 236

 140, 252, 231

 115, 252, 227

 90, 252, 223

 65, 252, 218

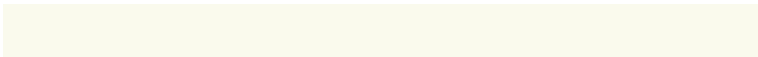
 39, 252, 213

 14, 252, 209

Harmonies

Analogous

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



237, 250, 237



241, 252, 250



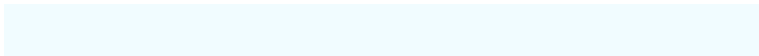
237, 247, 253

Triad

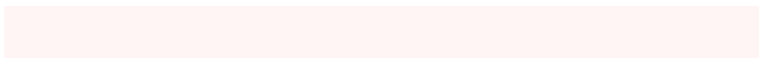
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241, 252, 250



241, 247, 255



255, 245, 245

Complementary

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



241, 252, 250



250, 241, 252

Split Complementary

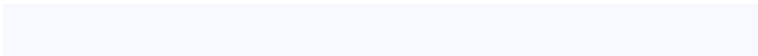
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 245, 252



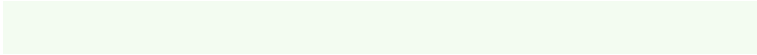
241, 252, 250



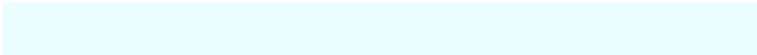
248, 249, 255

Square

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



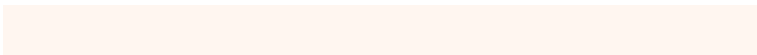
241, 252, 250



236, 245, 255



255, 247, 255



255, 250, 240

Rectangle

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



241, 252, 250



235, 245, 253



255, 247, 255



255, 245, 248

Sweetspot

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



241, 252, 250



252, 255, 254



243, 252, 241



126, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



241, 252, 250



242, 255, 252



241, 250, 252



117, 125, 123



0, 189, 155



0, 61, 50

Inverse Universe

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



250, 241, 252



253, 242, 255



252, 241, 249



124, 117, 125



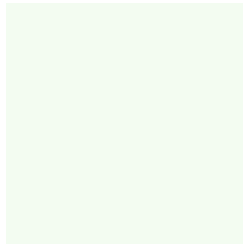
154, 0, 189



50, 0, 61

Previews

White Background



This preview shows how the RYB color 241, 252, 250 looks on a white background.

Color Contrast Check

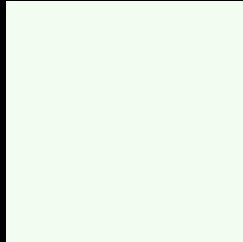
Large Text (above 18pt) WCAG AA × Fail

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, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

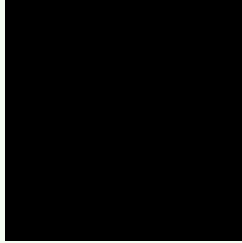
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

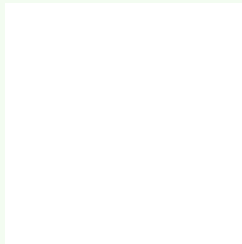
Any Text WCAG AAA ✓ Pass

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

RYB 241, 252, 250 Background



This preview shows how black text looks on a background with the RYB color 241, 252, 250.

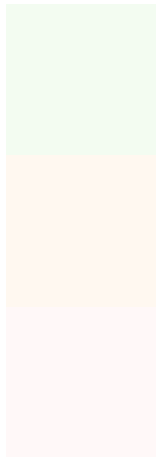


This preview shows how white text looks on a background with the RYB color 241, 252, 250.

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, 250

Protanopia
253, 255, 240

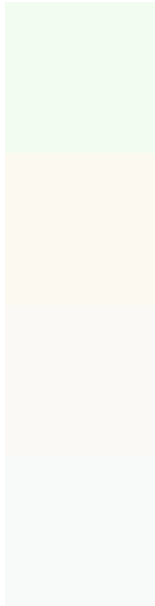
Deuteranopia
255, 248, 248



Tritanopia

249, 249, 255

Trichromacy



Original Color

241, 252, 250

Protanomaly

242, 251, 240

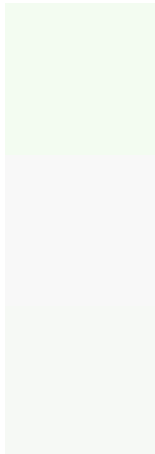
Deuteranomaly

248, 251, 245

Tritanomaly

247, 249, 250

Monochromacy



Original Color

241, 252, 250

Achromatopsia

248, 248, 248

Achromatomaly

245, 249, 248

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 252, 250 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(243, 252, 241) looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 252, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 252, 241) }
```

Border

The CSS property to change the border of an element to RYB 241, 252, 250 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(243, 252, 241) }
```

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

```
.border{ border-color:rgb(243, 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(243, 252, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 252, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 252, 241);  
box-shadow:4px 4px 4px 4px rgb(243, 252,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 241, 252, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 252, 241) }
```

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

```
.background{ background-color: rgb(243,  
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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