

Converting Colors

`RYB(240, 254, 240)`

Have a look what the booklet for
RYB(240, 254, 240) contains.

| | |
|--|----|
| RYB(240, 254, 240) | 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(240, 254, 240)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FEFEF0 |
| RGB | 254, 254, 240 |
| RGB Percent | 100%, 100%, 94% |
| CMY | 0.0039, 0.0039, 0.0588 |
| CMYK | 0.00, 0.00, 0.06, 0.00 |
| HSL | 60°, 88%, 97% |
| HSV | 60°, 6%, 100% |
| XYZ | 92.0430, 98.2457, 96.5502 |
| YIQ | 252.4040, 4.4940, -4.3540 |

Conversions

Conversions Part 2

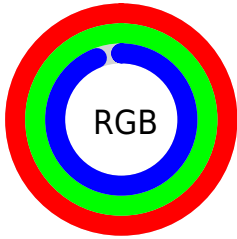
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 240, 254, 240 |
| Decimal | 16711408 |
| CIE Lab | 99.32, -2.38, 6.68 |
| CIE LCh | 99, 7.092, 109.635 |
| Yxy | 98.2457, 0.3209, 0.3425 |
| Android (android.graphics.Color) | 4294901488 (0xFFFEFEF0) |
| YUV | 252.4040, -6.1152, 1.3997 |
| Hunter-Lab | 99.1190, -7.7010, 11.6298 |

Details

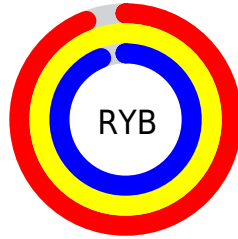
The RYB color 240, 254, 240 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 240, 240, 254, and the grayscale version is 252, 252, 252.

A 20% lighter version of the original color is 255, 255, 255, and 184, 197, 184 is the 20% darker color. If you saturate the color by 10%, you get 215, 254, 215, and if you desaturate by 10%, it is 254, 254, 255.

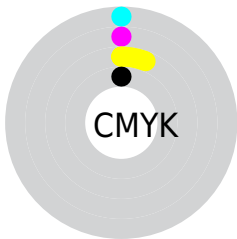
Distribution



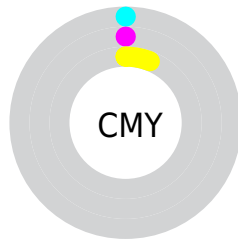
- Red (100%)
- Green (100%)
- Blue (94%)



- Red (94%)
- Yellow (100%)
- Blue (94%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 254, 240 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 240, 254, 240 by changing the saturation by 10% instead.

 240, 254, 240


 240, 254, 240

255, 255, 255

 212, 225, 212


 184, 197, 184

 157, 170, 157

 131, 144, 131

 106, 118, 106

 82, 93, 82

 59, 70, 59

 37, 48, 38

 16, 27, 16

240, 254, 240

240, 254, 240

215, 254, 215

254, 254, 255

189, 254, 189

164, 254, 164

138, 254, 138

113, 254, 113

88, 254, 88

62, 254, 62

37, 254, 37

11, 254, 11

Harmonies

Analogous

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



244, 255, 240



240, 254, 240



244, 255, 253

Triad

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



240, 254, 240



238, 247, 255



255, 249, 255

Complementary

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



240, 254, 240



240, 240, 254

Split Complementary

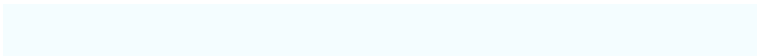
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 250, 255



240, 254, 240



244, 249, 255

Square

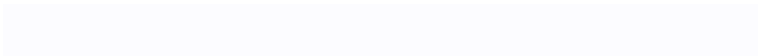
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



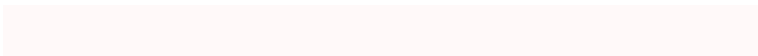
240, 254, 240



236, 246, 255



252, 252, 255



255, 249, 249

Rectangle

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



240, 254, 240



241, 250, 255



252, 252, 255



255, 249, 255

Sweetspot

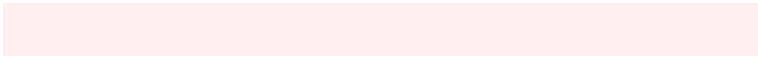
The Sweet Spot groups the original color and five complimentary colors.



240, 254, 240



250, 255, 250



254, 240, 240



125, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



240, 254, 240



237, 255, 237



240, 254, 247



117, 128, 117



0, 191, 0



0, 64, 0

Inverse Universe

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



240, 240, 254



237, 237, 255



247, 240, 254



117, 117, 128



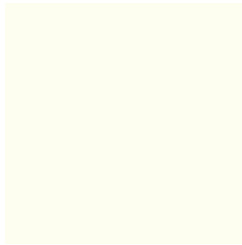
0, 0, 191



0, 0, 64

Previews

White Background



This preview shows how the RYB color 240, 254, 240 looks on a white background.

Color Contrast Check

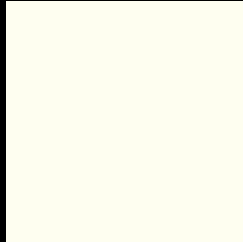
Large Text (above 18pt) WCAG AA × Fail

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 240, 254, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

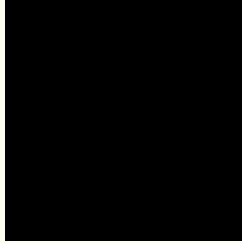
Any Text WCAG AA ✓ Pass

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 240, 254, 240 Background



This preview shows how black text looks on a background with the RYB color 240, 254, 240.



This preview shows how white text looks on a background with the RYB color 240, 254, 240.

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
240, 254, 240



Protanopia
253, 255, 250

Deuteranopia
255, 252, 252

Tritanopia

254, 253, 255

Trichromacy



Original Color

240, 254, 240

Protanomaly

249, 255, 246

Deuteranomaly

251, 255, 248

Tritanomaly

251, 254, 250

Monochromacy



Original Color

240, 254, 240



Achromatopsia

252, 252, 252

Achromatomaly

248, 253, 248

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 254, 240 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(254, 254, 240)` looks like.

```
.text, #text, p{  
    color:rgb(254, 254, 240)  
}
```

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(254, 254, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 254, 240) }
```

Border

The CSS property to change the border of an element to RYB 240, 254, 240 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(254, 254, 240) }
```

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

```
.border{ border-color:rgb(254, 254, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 254, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 254, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 254, 240);  
box-shadow:4px 4px 4px 4px rgb(254, 254,  
240) }
```

Background

The CSS property to change the background color of an element to RYB 240, 254, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 254, 240) }
```

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

```
.background{ background-color: rgb(254,  
254, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor