

Converting Colors

`RYB(244, 240, 255)`

Have a look what the booklet for RYB(244, 240, 255) contains.

| | |
|--|----|
| RYB(244, 240, 255) | 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(244, 240, 255)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F4F0FF |
| RGB | 244, 240, 255 |
| RGB Percent | 96%, 94%, 100% |
| CMY | 0.0431, 0.0588, 0.0000 |
| CMYK | 0.04, 0.06, 0.00, 0.00 |
| HSL | 256°, 100%, 97% |
| HSV | 256°, 6%, 100% |
| XYZ | 86.5183, 88.7733, 107.1827 |
| YIQ | 242.9060, -2.4310, 5.5130 |

Conversions

Conversions Part 2

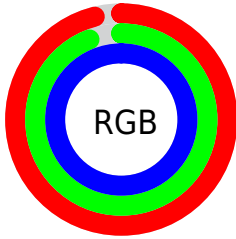
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 244, 240, 255 |
| Decimal | 16052479 |
| CIE _{Lab} | 95.49, 4.03, -6.74 |
| CIE _{LCh} | 95, 7.852, 300.903 |
| Yxy | 88.7733, 0.3063, 0.3143 |
| Android (android.graphics.Color) | 4294242559 (0xFFFF4F0FF) |
| YUV | 242.9060, 5.9623, 0.9594 |
| Hunter-Lab | 94.2196, -0.9744, -1.4937 |

Details

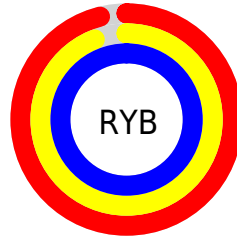
The RYB color `244, 240, 255` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `240, 255, 244`, and the grayscale version is `243, 243, 243`.

A 20% lighter version of the original color is `255, 255, 255`, and `188, 184, 198` is the 20% darker color. If you saturate the color by 10%, you get `225, 215, 255`, and if you desaturate by 10%, it is `255, 255, 255`.

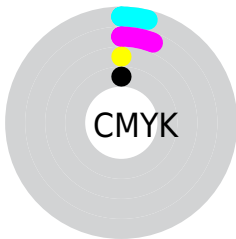
Distribution



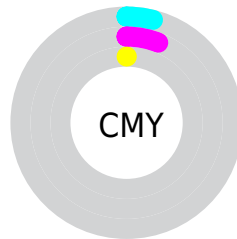
- Red (96%)
- Green (94%)
- Blue (100%)



- Red (96%)
- Yellow (94%)
- Blue (100%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 244, 240, 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 244, 240, 255 by changing the saturation by 10% instead.

■ 244, 240, 255

255, 255, 255

■ 244, 240, 255

■ 216, 212, 226

■ 188, 184, 198

■ 161, 157, 171

■ 135, 131, 145

■ 109, 106, 119

■ 85, 82, 94

■ 62, 59, 71

■ 40, 37, 48

■ 20, 16, 27

244, 240, 255

244, 240, 255

225, 215, 255

255, 255, 255

207, 189, 255

188, 163, 255

169, 138, 255

151, 113, 255

132, 87, 255

113, 61, 255

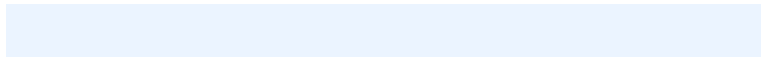
94, 36, 255

76, 10, 255

Harmonies

Analogous

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



235, 241, 255



244, 240, 255



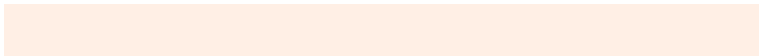
252, 238, 250

Triad

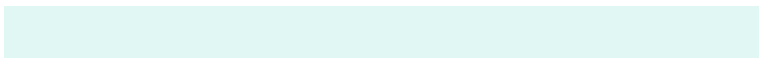
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



244, 240, 255



255, 245, 229



225, 237, 247

Complementary

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



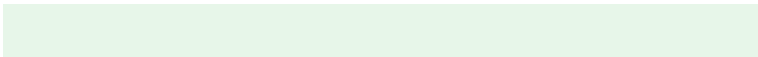
244, 240, 255



240, 255, 244

Split Complementary

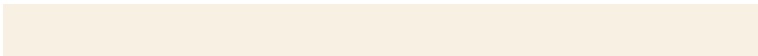
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231, 244, 246



244, 240, 255



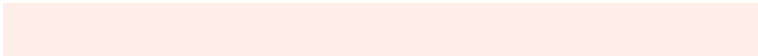
238, 248, 227

Square

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



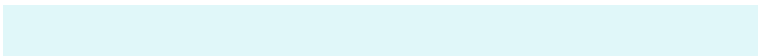
244, 240, 255



255, 238, 234



229, 244, 233



224, 236, 249

Rectangle

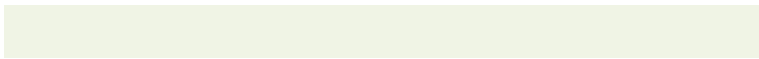
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



244, 240, 255



255, 237, 245



229, 244, 233



227, 240, 247

Sweetspot

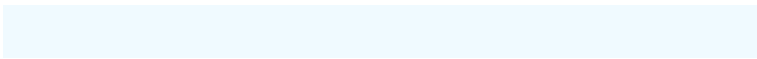
The Sweet Spot groups the original color and five complimentary colors.



244, 240, 255



251, 250, 255



240, 246, 255



126, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



244, 240, 255



242, 237, 255



252, 240, 255



120, 117, 128



51, 0, 191



17, 0, 64

Inverse Universe

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



255, 240, 251



255, 237, 250



240, 255, 252



128, 117, 125



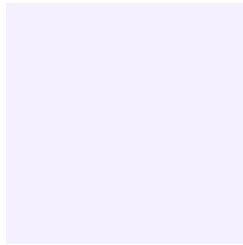
191, 0, 140



64, 0, 47

Previews

White Background



This preview shows how the RYB color 244, 240, 255 looks on a white background.

Color Contrast Check

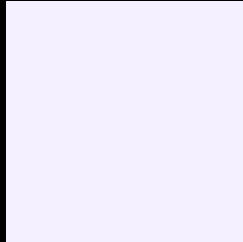
Large Text (above 18pt) WCAG AA × Fail

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 244, 240, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

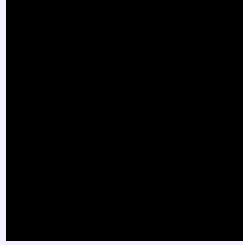
Any Text WCAG AA ✓ Pass

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](#).

RYB 244, 240, 255 Background



This preview shows how black text looks on a background with the RYB color 244, 240, 255.



This preview shows how white text looks on a background with the RYB color 244, 240, 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
244, 240, 255

Protanopia
242, 241, 255

Deuteranopia
255, 237, 253



Tritanopia

244, 240, 255

Trichromacy



Original Color

244, 240, 255

Protanomaly

243, 241, 255

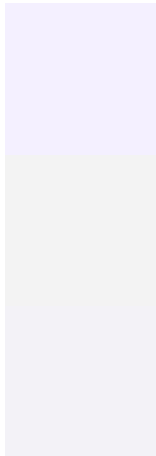
Deuteranomaly

251, 238, 254

Tritanomaly

244, 240, 255

Monochromacy



Original Color

244, 240, 255

Achromatopsia

243, 243, 243

Achromatomaly

243, 242, 247

CSS Examples

Text

The CSS property to change the color of the text to RYB 244, 240, 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(244, 240, 255) looks like.

```
.text, #text, p{  
    color:rgb(244, 240, 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(244, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 240, 255) }
```

Border

The CSS property to change the border of an element to RYB 244, 240, 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(244, 240, 255) }
```

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

```
.border{ border-color:rgb(244, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 240, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 240, 255); box-shadow:4px 4px 4px 4px rgb(244, 240, 255) }
```

Background

The CSS property to change the background color of an element to RYB 244, 240, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 240, 255) }
```

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

```
.background{ background-color: rgb(244,  
240, 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](#).

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