

Converting Colors

`RYB(240, 244, 252)`

Have a look what the booklet for
RYB(240, 244, 252) contains.

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Color

R_YB(240, 244, 252)

Conversions

Conversions Part 1

Format	Color
Hex	F0F6FC
RGB	240, 246, 252
RGB Percent	94%, 96%, 99%
CMY	0.0588, 0.0353, 0.0118
CMYK	0.05, 0.02, 0.00, 0.01
HSL	210°, 67%, 96%
HSV	210°, 5%, 99%
XYZ	86.4616, 91.4651, 105.1930
YIQ	244.8900, -5.5020, 0.5940

Conversions

Conversions Part 2

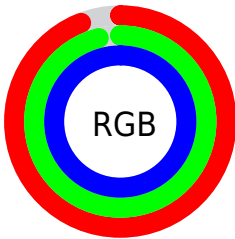
Format	Color
R _Y B	240, 244, 252
Decimal	15791868
CIE Lab	96.60, -0.88, -3.57
CIE LCh	97, 3.682, 256.137
Yxy	91.4651, 0.3054, 0.3231
Android (android.graphics.Color)	4293981948 (0xFFFF0F6FC)
YUV	244.8900, 3.5052, -4.2885
Hunter-Lab	95.6374, -5.9912, 1.7322

Details

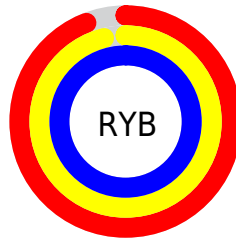
The RYB color `240, 244, 252` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `252, 252, 240`, and the grayscale version is `245, 245, 245`.

A 20% lighter version of the original color is `255, 255, 255`, and `184, 188, 195` is the 20% darker color. If you saturate the color by 10%, you get `215, 227, 252`, and if you desaturate by 10%, it is `252, 255, 252`.

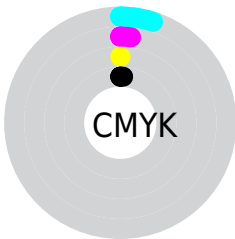
Distribution



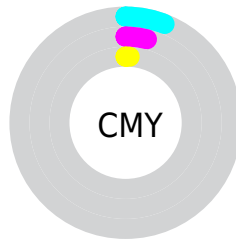
- Red (94%)
- Green (96%)
- Blue (99%)



- Red (94%)
- Yellow (96%)
- Blue (99%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



- Cyan (6%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 244, 252 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, 244, 252 by changing the saturation by 10% instead.

 240, 244, 252


255, 255, 255

 240, 244, 252

 212, 216, 223

 184, 188, 195

 157, 161, 168

 131, 134, 142

 106, 109, 116

 82, 85, 92

 59, 62, 68

 37, 40, 46

 16, 19, 25

240, 244, 252

240, 244, 252

215, 227, 252

252, 255, 252

190, 211, 252

164, 193, 252

139, 177, 252

114, 160, 252

89, 143, 252

64, 127, 252

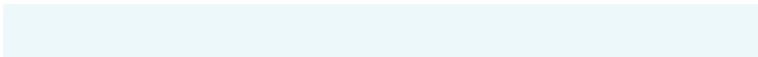
38, 109, 252

13, 93, 252

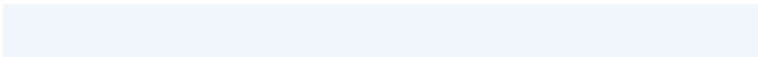
Harmonies

Analogous

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



237, 243, 250



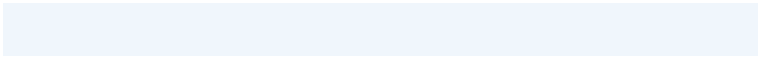
240, 244, 252



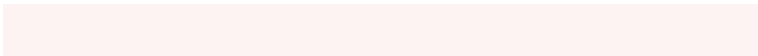
244, 245, 252

Triad

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



240, 244, 252



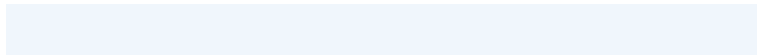
253, 243, 243



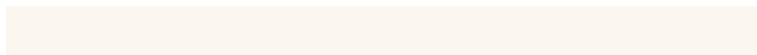
240, 247, 245

Complementary

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



240, 244, 252



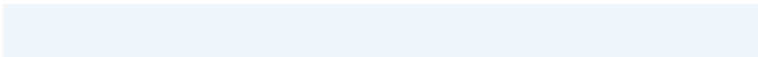
252, 252, 240

Split Complementary

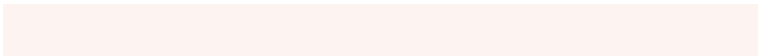
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238, 246, 238



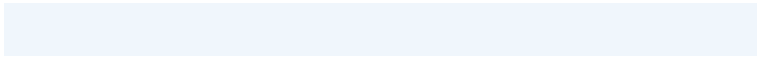
240, 244, 252



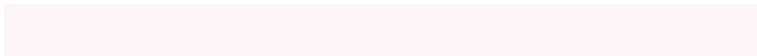
253, 244, 240

Square

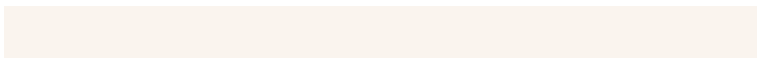
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



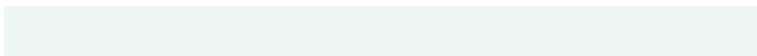
240, 244, 252



252, 243, 247



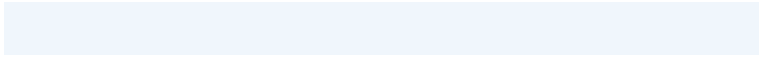
250, 250, 238



239, 244, 247

Rectangle

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



240, 244, 252



247, 244, 251



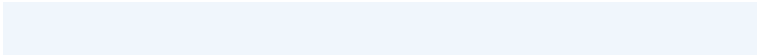
250, 250, 238



239, 246, 242

Sweetspot

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



240, 244, 252



252, 253, 255



240, 248, 252



126, 127, 128



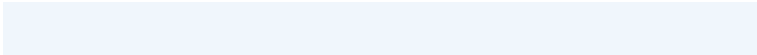
0, 0, 0



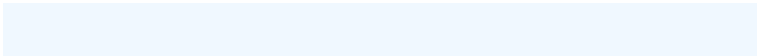
128, 128, 128

Same Dimension

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



240, 244, 252



240, 245, 255



240, 240, 252



116, 119, 125



0, 63, 189



0, 21, 61

Inverse Universe

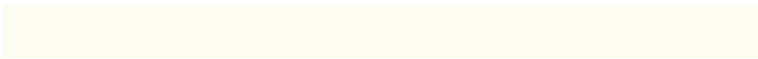
The Inverse Universe completely reimagines the original color for something new.



252, 240, 246



255, 240, 247



240, 252, 240



125, 116, 121



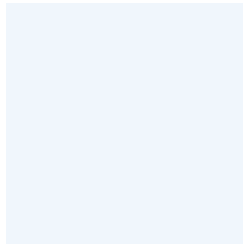
189, 0, 94



61, 0, 31

Previews

White Background



This preview shows how the RYB color 240, 244, 252 looks on a white background.

Color Contrast Check

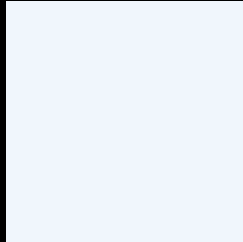
Large Text (above 18pt) WCAG AA × Fail

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, 244, 252 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

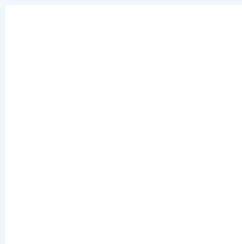
Any Text WCAG AAA ✓ Pass

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

RYB 240, 244, 252 Background



This preview shows how black text looks on a background with the RYB color 240, 244, 252.

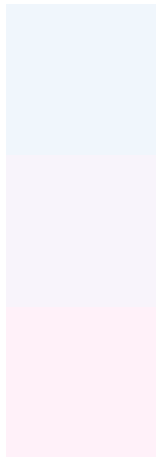


This preview shows how white text looks on a background with the RYB color 240, 244, 252.

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, 244, 252

Protanopia

248, 244, 251

Deuteranopia

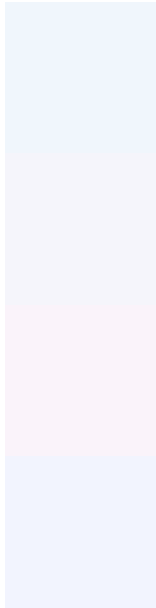
255, 241, 249



Tritanopia

243, 245, 255

Trichromacy



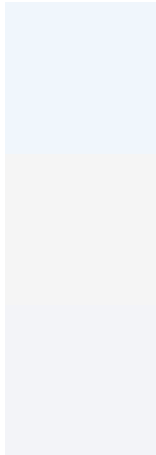
Original Color
240, 244, 252

Protanomaly
245, 245, 251

Deuteranomaly
250, 243, 250

Tritanomaly
242, 244, 254

Monochromacy



Original Color
240, 244, 252

Achromatopsia
245, 245, 245

Achromatomaly
243, 244, 248

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 244, 252 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(240, 246, 252) looks like.

```
.text, #text, p{  
    color:rgb(240, 246, 252)  
}
```

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(240, 246, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 246, 252) }
```

Border

The CSS property to change the border of an element to RYB 240, 244, 252 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(240, 246, 252) }
```

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

```
.border{ border-color:rgb(240, 246, 252) }
```

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

Here you see how a box with a 4 pixel rgb(240, 246, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 246, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 246, 252);  
box-shadow:4px 4px 4px 4px rgb(240, 246,  
252) }
```

Background

The CSS property to change the background color of an element to RYB 240, 244, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 246, 252) }
```

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

```
.background{ background-color: rgb(240,  
246, 252) }
```

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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