

Converting Colors

`RYB(230, 234, 244)`

Have a look what the booklet for
RYB(230, 234, 244) contains.

RYB(230, 234, 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(230, 234, 244)

Conversions

Conversions Part 1

Format	Color
Hex	E6ECF4
RGB	230, 236, 244
RGB Percent	90%, 93%, 96%
CMY	0.0980, 0.0761, 0.0431
CMYK	0.06, 0.03, 0.00, 0.04
HSL	216°, 39%, 93%
HSV	216°, 6%, 96%
XYZ	78.8427, 83.1155, 97.4754
YIQ	235.1180, -6.1440, 1.2160

Conversions

Conversions Part 2

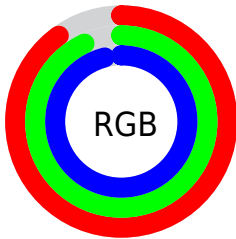
Format	Color
R _Y B	230, 234, 244
Decimal	15133940
CIE Lab	93.06, -0.31, -4.71
CIE LCh	93, 4.723, 266.239
Yxy	83.1155, 0.3039, 0.3204
Android (android.graphics.Color)	4293324020 (0xFFE6ECF4)
YUV	235.1180, 4.3788, -4.4885
Hunter-Lab	91.1677, -5.1750, 0.4252

Details

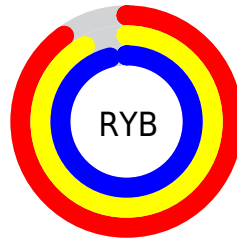
The RYB color **230, 234, 244** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **241, 244, 230**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is 255, 255, 255, and **174, 178, 188** is the 20% darker color. If you saturate the color by 10%, you get **206, 217, 244**, and if you desaturate by 10%, it is 251, 254, 244.

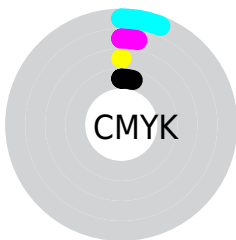
Distribution



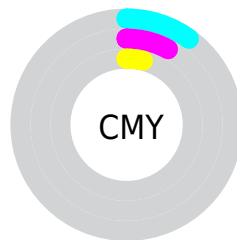
- Red (90%)
- Green (93%)
- Blue (96%)



- Red (90%)
- Yellow (92%)
- Blue (96%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (10%)
- Magenta (8%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 234, 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 230, 234, 244 by changing the saturation by 10% instead.

■ 230, 234, 244

255, 255, 255

■ 230, 234, 244

■ 202, 206, 216

■ 174, 178, 188

■ 148, 152, 161

■ 122, 126, 135

■ 97, 101, 109

■ 73, 77, 85

■ 51, 54, 62

■ 30, 33, 40

■ 5, 10, 20

230, 234, 244

230, 234, 244

206, 217, 244

251, 254, 244

181, 199, 244

244, 255, 244

157, 182, 244

132, 164, 244

108, 147, 244

84, 130, 244

59, 112, 244

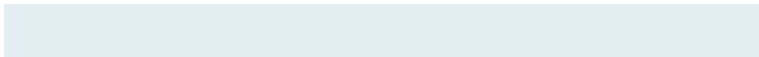
35, 94, 244

10, 77, 244

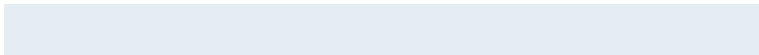
Harmonies

Analogous

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



226, 233, 242



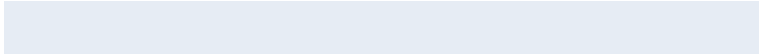
230, 234, 244



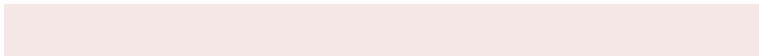
235, 234, 243

Triad

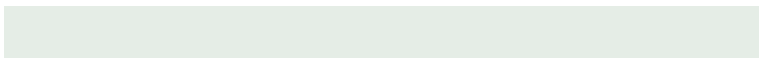
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230, 234, 244



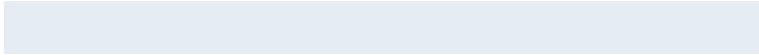
245, 232, 231



229, 236, 237

Complementary

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



230, 234, 244



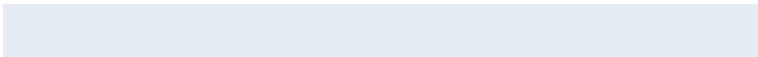
241, 244, 230

Split Complementary

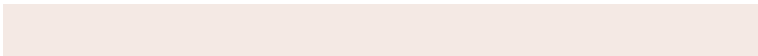
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227, 236, 228



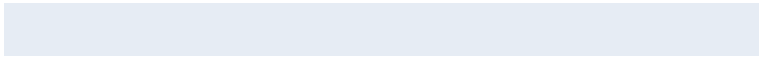
230, 234, 244



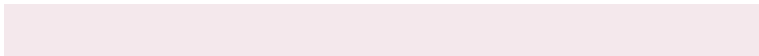
244, 235, 228

Square

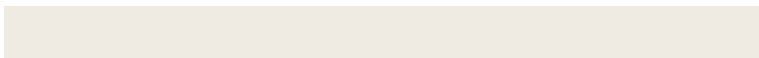
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



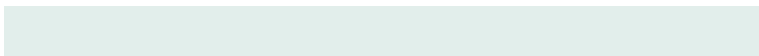
230, 234, 244



244, 232, 236



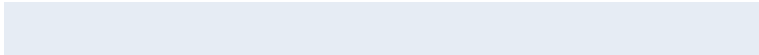
234, 240, 226



226, 233, 238

Rectangle

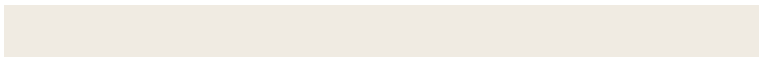
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230, 234, 244



239, 233, 241



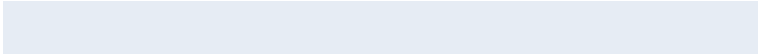
234, 240, 226



229, 237, 235

Sweetspot

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



230, 234, 244



250, 251, 255



230, 239, 244



125, 126, 128



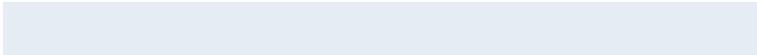
0, 0, 0



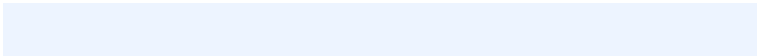
128, 128, 128

Same Dimension

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



230, 234, 244



237, 242, 255



231, 230, 244



113, 116, 122



0, 53, 186



0, 17, 59

Inverse Universe

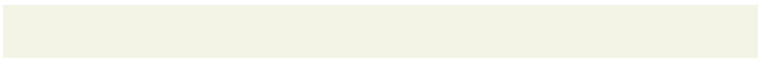
The Inverse Universe completely reimagines the original color for something new.



244, 230, 236



255, 237, 244



230, 244, 231



122, 113, 117



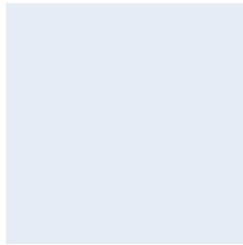
186, 0, 74



59, 0, 23

Previews

White Background



This preview shows how the RYB color 230, 234, 244 looks on a white background.

Color Contrast Check

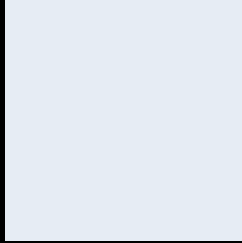
Large Text (above 18pt) WCAG AA × Fail

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 230, 234, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

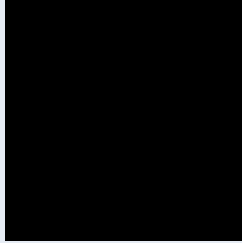
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

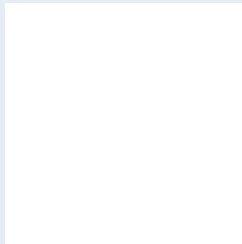
Any Text WCAG AAA ✓ Pass

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

RYP 230, 234, 244 Background



This preview shows how black text looks on a background with the RYP color 230, 234, 244.



This preview shows how white text looks on a background with the RYP color 230, 234, 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

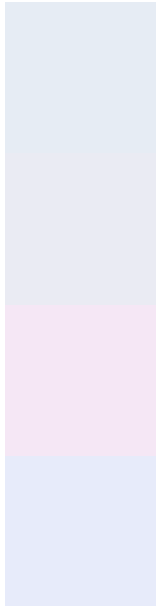




Tritanopia

231, 234, 253

Trichromacy



Original Color

230, 234, 244

Protanomaly

234, 235, 243

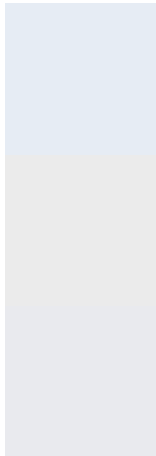
Deuteranomaly

245, 231, 245

Tritanomaly

231, 234, 250

Monochromacy



Original Color

230, 234, 244

Achromatopsia

235, 235, 235

Achromatomaly

233, 234, 238

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 234, 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(230, 236, 244) looks like.

```
.text, #text, p{  
    color:rgb(230, 236, 244)  
}
```

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(230, 236, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 236, 244) }
```

Border

The CSS property to change the border of an element to RYB 230, 234, 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(230, 236, 244) }
```

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

```
.border{ border-color:rgb(230, 236, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 236, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 236, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 236, 244);  
box-shadow:4px 4px 4px 4px rgb(230, 236,  
244) }
```

Background

The CSS property to change the background color of an element to RYB 230, 234, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 236, 244) }
```

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

```
.background{ background-color: rgb(230,  
236, 244) }
```

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