

Converting Colors

`RYB(174, 182, 214)`

Have a look what the booklet for RYB(174, 182, 214) contains.

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Color

$\text{RYB}(174, 182, 214)$

Conversions

Conversions Part 1

Format	Color
Hex	AEB8D6
RGB	174, 184, 214
RGB Percent	68%, 72%, 84%
CMY	0.3176, 0.2784, 0.1608
CMYK	0.19, 0.14, 0.00, 0.16
HSL	225°, 33%, 76%
HSV	225°, 19%, 84%
XYZ	46.7336, 48.1347, 70.4461
YIQ	184.4300, -15.5900, 7.2100

Conversions

Conversions Part 2

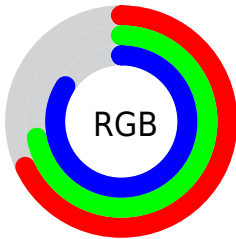
Format	Color
RYB	174, 182, 214
Decimal	11450582
CIELab	74.91, 2.79, -16.24
CIELCh	75, 16.476, 279.738
Yxy	48.1347, 0.2827, 0.2912
Android (android.graphics.Color)	4289640662 (0xFFAEB8D6)
YUV	184.4300, 14.5780, -9.1471
Hunter-Lab	69.3792, -1.1764, -11.6364

Details

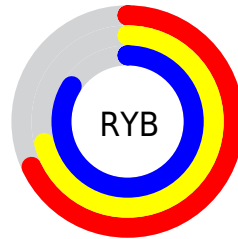
The RYB color **174, 182, 214** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **187, 214, 174**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **230, 237, 255**, and **121, 129, 159** is the 20% darker color. If you saturate the color by 10%, you get **153, 165, 214**, and if you desaturate by 10%, it is **195, 199, 214**.

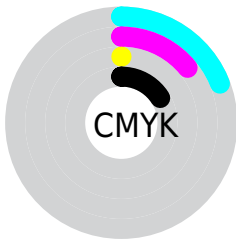
Distribution



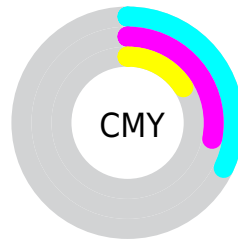
- Red (68%)
- Green (72%)
- Blue (84%)



- Red (68%)
- Yellow (71%)
- Blue (84%)



- Cyan (19%)
- Magenta (14%)
- Yellow (0%)
- Black (16%)



- Cyan (32%)
- Magenta (28%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 182, 214 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 174, 182, 214 by changing the saturation by 10% instead.

■ 174, 182, 214

255, 255, 255

■ 230, 237, 255

■ 174, 182, 214

■ 147, 155, 186

■ 121, 129, 159

■ 96, 104, 133

■ 72, 80, 108


■ 48, 56, 83

■ 26, 34, 60

■ 3, 12, 38

■ 0, 1, 17


■ 0, 0, 0

 174, 182, 214


 174, 182, 214

 153, 165, 214


 195, 199, 214

 131, 148, 214

 216, 217, 214

 110, 131, 214

 222, 238, 214

 88, 114, 214

 222, 255, 214

 67, 97, 214

 214, 255, 214

 46, 80, 214

 24, 62, 214

 3, 45, 214

 0, 43, 214

Harmonies

Analogous

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



156, 177, 212



174, 182, 214



193, 179, 208

Triad

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



174, 182, 214



215, 179, 166



158, 182, 192

Complementary

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



174, 182, 214



187, 214, 174

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.



161, 189, 176



174, 182, 214



206, 202, 156

Square

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



174, 182, 214



216, 174, 180



162, 191, 155



147, 171, 193

Rectangle

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



174, 182, 214



204, 176, 200



162, 191, 155



163, 187, 192

Sweetspot

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



174, 182, 214



240, 243, 255



174, 197, 214



119, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



174, 182, 214



199, 210, 255



184, 174, 214



96, 98, 107



0, 34, 171



0, 9, 43

Inverse Universe

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



214, 174, 184



255, 199, 213



174, 214, 184



107, 96, 99



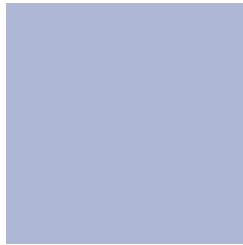
171, 0, 43



43, 0, 11

Previews

White Background



This preview shows how the RYB color 174, 182, 214 looks on a white background.

Color Contrast Check

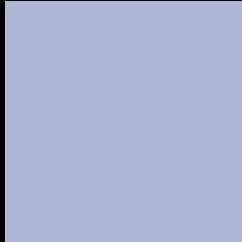
Large Text (above 18pt) WCAG AA × Fail

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 174, 182, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

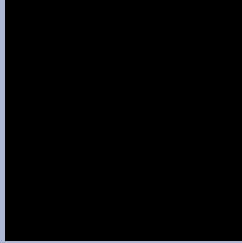
Any Text WCAG AA ✓ Pass

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 174, 182, 214 Background



This preview shows how black text looks on a background with the RYB color 174, 182, 214.



This preview shows how white text looks on a background with the RYB color 174, 182, 214.

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

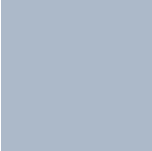
174, 182, 214

Protanopia

179, 183, 213

Deuteranopia

187, 180, 215



Tritanopia
172, 181, 201

Trichromacy



Original Color

174, 182, 214

Protanomaly

177, 182, 213

Deuteranomaly

182, 181, 215

Tritanomaly

173, 182, 206

Monochromacy



Original Color

174, 182, 214

Achromatopsia

184, 184, 184

Achromatomaly

180, 183, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 182, 214 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(174, 184, 214)` looks like.

```
.text, #text, p{  
    color:rgb(174, 184, 214)  
}
```

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(174, 184, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 184, 214) }
```

Border

The CSS property to change the border of an element to RYB 174, 182, 214 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(174, 184, 214) }
```

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

```
.border{ border-color:rgb(174, 184, 214) }
```

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

Here you see how a box with a 4 pixel rgb(174, 184, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 184, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 184, 214);  
box-shadow:4px 4px 4px 4px rgb(174, 184,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 174, 182, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 184, 214) }
```

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

```
.background{ background-color: rgb(174,  
184, 214) }
```

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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