

Converting Colors

`RYB(174, 182, 245)`

Have a look what the booklet for RYB(174, 182, 245) contains.

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Color

R_YB(174, 182, 245)

Conversions

Conversions Part 1

Format	Color
Hex	AEB7F5
RGB	174, 183, 245
RGB Percent	68%, 72%, 96%
CMY	0.3176, 0.2823, 0.0392
CMYK	0.29, 0.25, 0.00, 0.04
HSL	232°, 78%, 82%
HSV	232°, 29%, 96%
XYZ	50.8737, 49.4648, 93.2525
YIQ	187.3770, -25.2660, 17.3740

Conversions

Conversions Part 2

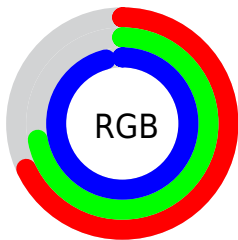
Format	Color
R_{YB}	174, 182, 245
Decimal	11450357
CIE _{Lab}	75.74, 10.54, -31.76
CIE _{LCh}	76, 33.462, 288.352
Yxy	49.4648, 0.2628, 0.2555
Android (android.graphics.Color)	4289640437 (0xFFAEB7F5)
YUV	187.3770, 28.4081, -11.7316
Hunter-Lab	70.3312, 6.0376, -29.3811

Details

The RYB color **174, 182, 245** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **184, 245, 174**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **231, 237, 255**, and **120, 129, 189** is the 20% darker color. If you saturate the color by 10%, you get **150, 161, 245**, and if you desaturate by 10%, it is **199, 204, 245**.

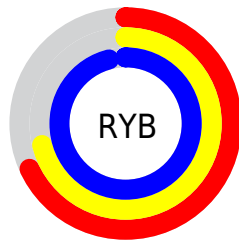
Distribution



Red (68%)

Green (72%)

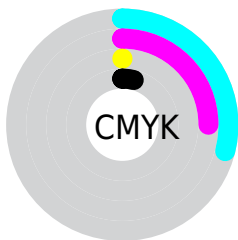
Blue (96%)



Red (68%)

Yellow (71%)

Blue (96%)

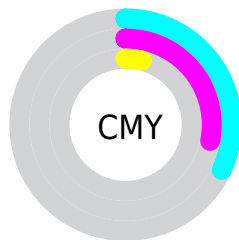


Cyan (29%)

Magenta (25%)

Yellow (0%)

Black (4%)



Cyan (32%)

Magenta (28%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 182, 245 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, 245 by changing the saturation by 10% instead.

■ 174, 182, 245

255, 255, 255

■ 231, 237, 255

■ 174, 182, 245

■ 147, 155, 216

■ 120, 129, 189

■ 94, 103, 161

■ 68, 79, 135

■ 42, 55, 109

■ 11, 30, 85

■ 0, 13, 61

■ 0, 3, 39

■ 0, 1, 16

■ 174, 182, 245

■ 174, 182, 245

■ 150, 161, 245

■ 199, 204, 245

■ 125, 138, 245

■ 223, 226, 245

■ 101, 117, 245

■ 247, 248, 245

■ 76, 95, 245

■ 245, 255, 245

■ 51, 73, 245

■ 27, 52, 245

■ 2, 29, 245

■ 0, 28, 245

Harmonies

Analogous

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



127, 169, 246



174, 182, 245



214, 172, 228

Triad

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



174, 182, 245



240, 181, 142



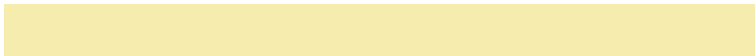
117, 169, 203

Complementary

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



174, 182, 245



184, 245, 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.



145, 198, 189



174, 182, 245



190, 219, 126

Square

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



174, 182, 245



248, 164, 169



127, 191, 129



89, 147, 205

Rectangle

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



174, 182, 245



233, 167, 210



127, 191, 129



129, 179, 202

Sweetspot

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



174, 182, 245



232, 235, 255



174, 212, 245



113, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



174, 182, 245



166, 176, 255



200, 174, 245



110, 112, 122



0, 21, 186



0, 6, 59

Inverse Universe

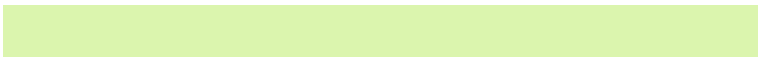
The Inverse Universe completely reimagines the original color for something new.



245, 174, 183



255, 166, 177



174, 245, 200



122, 110, 112



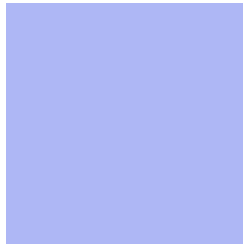
186, 0, 24



59, 0, 7

Previews

White Background



This preview shows how the RYB color 174, 182, 245 looks on a white background.

Color Contrast Check

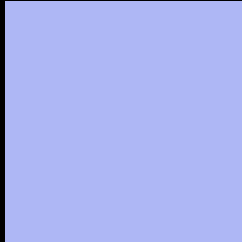
Large Text (above 18pt) WCAG AA × Fail

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, 245 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, 245 Background



This preview shows how black text looks on a background with the RYB color 174, 182, 245.



This preview shows how white text looks on a background with the RYB color 174, 182, 245.

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

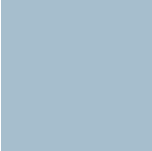
174, 182, 245

Protanopia

170, 182, 246

Deuteranopia

173, 182, 245



Tritanopia
166, 181, 205

Trichromacy



Original Color

174, 182, 245

Protanomaly

171, 182, 246

Deuteranomaly

173, 182, 245

Tritanomaly

169, 182, 220

Monochromacy



Original Color

174, 182, 245

Achromatopsia

187, 187, 187

Achromatomaly

182, 185, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 182, 245 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, 183, 245)` looks like.

```
.text, #text, p{  
    color:rgb(174, 183, 245)  
}
```

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, 183, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 183, 245) }
```

Border

The CSS property to change the border of an element to RYB 174, 182, 245 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, 183, 245) }
```

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

```
.border{ border-color:rgb(174, 183, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 183, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 183, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 183, 245);  
box-shadow:4px 4px 4px 4px rgb(174, 183,  
245) }
```

Background

The CSS property to change the background color of an element to RYB 174, 182, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 183, 245) }
```

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

```
.background{ background-color: rgb(174,  
183, 245) }
```

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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