

Converting Colors

`RYB(172, 180, 194)`

Have a look what the booklet for RYB(172, 180, 194) contains.

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Color

RYB(172, 180, 194)

Conversions

Conversions Part 1

Format	Color
Hex	ACB9C2
RGB	172, 185, 194
RGB Percent	67%, 73%, 76%
CMY	0.3255, 0.2762, 0.2392
CMYK	0.11, 0.05, 0.00, 0.24
HSL	206°, 15%, 72%
HSV	206°, 11%, 76%
XYZ	44.0103, 47.1846, 57.8269
YIQ	182.1390, -10.6370, 0.0430

Conversions

Conversions Part 2

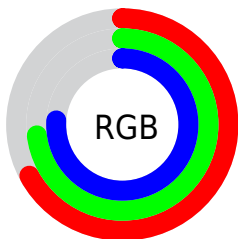
Format	Color
R_{YB}	172, 180, 194
Decimal	11319746
CIE Lab	74.31, -2.44, -6.26
CIE LCh	74, 6.719, 248.730
Yxy	47.1846, 0.2953, 0.3166
Android (android.graphics.Color)	4289509826 (0xFFACB9C2)
YUV	182.1390, 5.8475, -8.8919
Hunter-Lab	68.6910, -5.8445, -1.8290

Details

The RYB color **172, 180, 194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **194, 187, 172**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **227, 236, 250**, and **120, 128, 140** is the 20% darker color. If you saturate the color by 10%, you get **153, 168, 194**, and if you desaturate by 10%, it is **191, 192, 194**.

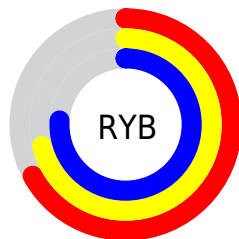
Distribution



Red (67%)

Green (73%)

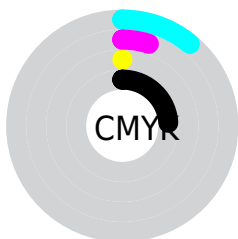
Blue (76%)



Red (67%)

Yellow (71%)

Blue (76%)

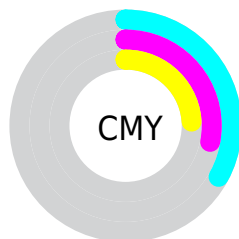


Cyan (11%)

Magenta (5%)

Yellow (0%)

Black (24%)



Cyan (33%)

Magenta (28%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 180, 194 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 172, 180, 194 by changing the saturation by 10% instead.

■ 172, 180, 194

255, 255, 255

■ 227, 236, 250

■ 172, 180, 194

■ 145, 153, 167

■ 120, 128, 140

■ 95, 102, 115

■ 71, 78, 90

■ 48, 55, 67

■ 27, 34, 45

■ 2, 11, 24

■ 0, 0, 0

■ 172, 180, 194

■ 172, 180, 194

■ 153, 168, 194

■ 191, 192, 194

■ 133, 155, 194

■ 211, 206, 194

■ 114, 143, 194

■ 230, 223, 194

■ 94, 130, 194

■ 250, 236, 194

■ 75, 118, 194

■ 249, 255, 194

■ 56, 106, 194

■ 226, 255, 194

■ 36, 93, 194

■ 209, 255, 194

■ 17, 81, 194

■ 198, 255, 194

■ 0, 71, 194

■ 194, 255, 194

Harmonies

Analogous

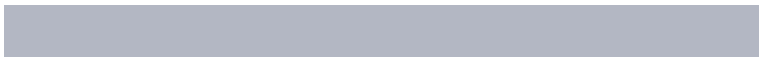
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



168, 178, 190



172, 180, 194



179, 182, 195

Triad

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



172, 180, 194



196, 179, 181



173, 185, 179

Complementary

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



172, 180, 194



194, 187, 172

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.



175, 186, 171



172, 180, 194



196, 180, 175

Square

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



172, 180, 194



193, 179, 187



192, 190, 171



172, 182, 186

Rectangle

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



172, 180, 194



184, 181, 194



192, 190, 171



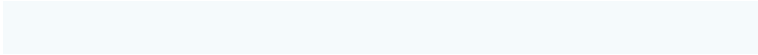
172, 184, 175

Sweetspot

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



172, 180, 194



245, 248, 252



172, 188, 194



122, 124, 128



0, 0, 0



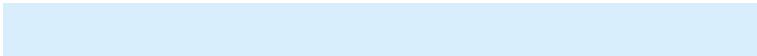
128, 128, 128

Same Dimension

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



172, 180, 194



217, 230, 252



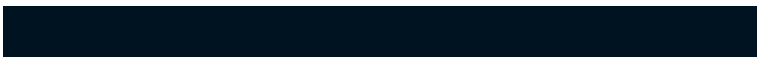
172, 174, 194



87, 91, 97



0, 59, 161



0, 12, 33

Inverse Universe

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



194, 172, 185



252, 217, 237



174, 194, 172



97, 87, 93



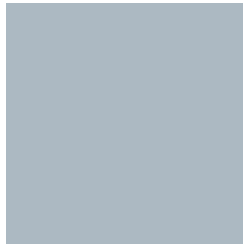
161, 0, 92



33, 0, 19

Previews

White Background



This preview shows how the RYB color 172, 180, 194 looks on a white background.

Color Contrast Check

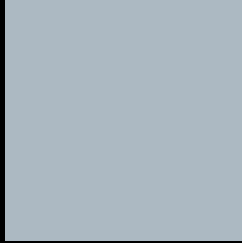
Large Text (above 18pt) WCAG AA × Fail

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 172, 180, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

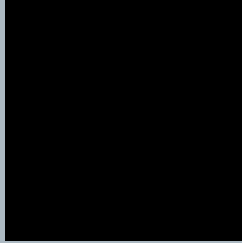
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

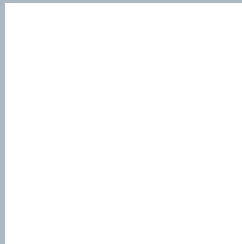
Any Text WCAG AAA ✓ Pass

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

RYB 172, 180, 194 Background



This preview shows how black text looks on a background with the RYB color 172, 180, 194.



This preview shows how white text looks on a background with the RYB color 172, 180, 194.

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](#).

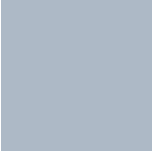
Dichromacy



Original Color
172, 180, 194

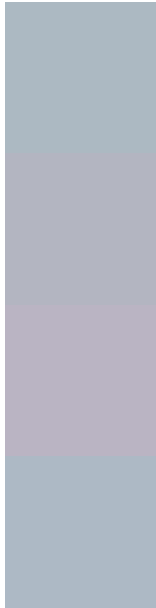
Protanopia
183, 181, 192

Deuteranopia
194, 177, 195



Tritanopia
173, 181, 198

Trichromacy



Original Color

172, 180, 194

Protanomaly

179, 181, 193

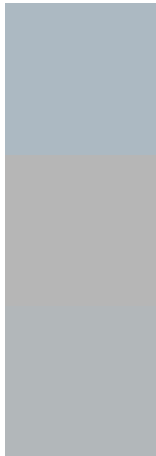
Deuteranomaly

186, 180, 195

Tritanomaly

173, 181, 197

Monochromacy



Original Color

172, 180, 194

Achromatopsia

182, 182, 182

Achromatomaly

178, 181, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 180, 194 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(172, 185, 194) looks like.

```
.text, #text, p{  
    color:rgb(172, 185, 194)  
}
```

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(172, 185, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 185, 194) }
```

Border

The CSS property to change the border of an element to RYB 172, 180, 194 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(172, 185, 194) }
```

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

```
.border{ border-color:rgb(172, 185, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 185, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 185, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 185, 194);  
box-shadow:4px 4px 4px 4px rgb(172, 185,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 172, 180, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 185, 194) }
```

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

```
.background{ background-color: rgb(172,  
185, 194) }
```

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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