

Converting Colors

`RYB(171, 165, 180)`

Have a look what the booklet for
RYB(171, 165, 180) contains.

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Color

$\text{RYB}(171, 165, 180)$

Conversions

Conversions Part 1

Format	Color
Hex	ABA5B4
RGB	171, 165, 180
RGB Percent	67%, 65%, 71%
CMY	0.3294, 0.3529, 0.2941
CMYK	0.05, 0.08, 0.00, 0.29
HSL	264°, 9%, 68%
HSV	264°, 8%, 71%
XYZ	38.4879, 38.8635, 48.6529
YIQ	168.5040, -1.2390, 5.9370

Conversions

Conversions Part 2

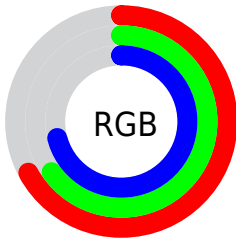
Format	Color
RYB	171, 165, 180
Decimal	11249076
CIELab	68.65, 5.03, -6.95
CIElCh	69, 8.580, 305.906
Yxy	38.8635, 0.3054, 0.3084
Android (android.graphics.Color)	4289439156 (0xFFABA5B4)
YUV	168.5040, 5.6675, 2.1890
Hunter-Lab	62.3406, 1.1066, -2.6337

Details

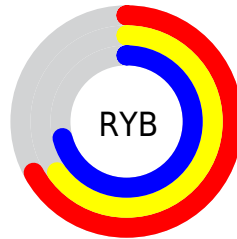
The RYB color **171, 165, 180** is a light color, and the websafe version is hex **999999**. A complement of this color would be **165, 180, 171**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **226, 220, 236**, and **119, 113, 127** is the 20% darker color. If you saturate the color by 10%, you get **160, 147, 180**, and if you desaturate by 10%, it is **180, 183, 181**.

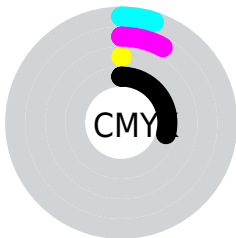
Distribution



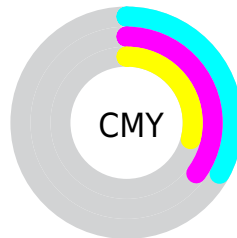
- Red (67%)
- Green (65%)
- Blue (71%)



- Red (67%)
- Yellow (65%)
- Blue (71%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (29%)




- Cyan (33%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 165, 180 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 171, 165, 180 by changing the saturation by 10% instead.


 171, 165, 180

255, 255, 255

 226, 220, 236

 255, 248, 255

 171, 165, 180

 144, 139, 153

 119, 113, 127

 94, 89, 102

 70, 65, 78


 48, 43, 55

 27, 23, 34

 0, 0, 11

 0, 0, 0

 171, 165, 180

 171, 165, 180

160, 147, 180

180, 183, 181

149, 129, 180

180, 201, 188

139, 111, 180

180, 219, 196

128, 93, 180

180, 237, 203

117, 75, 180

180, 255, 210

106, 57, 180

180, 255, 199

95, 39, 180

180, 255, 188

85, 21, 180

180, 255, 180

74, 3, 180

Harmonies

Analogous

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



161, 166, 183



171, 165, 180



179, 163, 174

Triad

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



171, 165, 180



180, 173, 154



149, 161, 172

Complementary

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



171, 165, 180



165, 180, 171

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.



155, 168, 172



171, 165, 180



159, 172, 152

Square

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



171, 165, 180



184, 164, 159



155, 170, 162



149, 161, 176

Rectangle

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



171, 165, 180



183, 162, 169



155, 170, 162



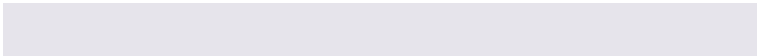
151, 163, 172

Sweetspot

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



171, 165, 180



230, 228, 235



165, 171, 180



114, 113, 117



245, 245, 245



117, 117, 117

Same Dimension

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



171, 165, 180



221, 211, 235



178, 165, 180



84, 80, 89



61, 0, 153



10, 0, 26

Inverse Universe

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



180, 165, 174



235, 211, 225



165, 180, 178



89, 80, 86



153, 0, 92



26, 0, 15

Previews

White Background



This preview shows how the RYB color 171, 165, 180 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 171, 165, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

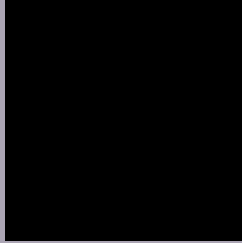
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

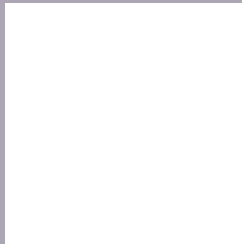
Any Text WCAG AAA ✓ Pass

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

RYB 171, 165, 180 Background



This preview shows how black text looks on a background with the RYB color 171, 165, 180.

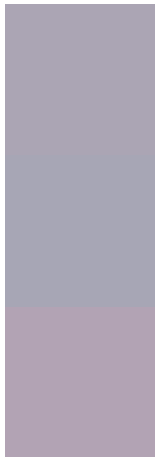


This preview shows how white text looks on a background with the RYB color 171, 165, 180.

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
171, 165, 180

Protanopia
167, 166, 181

Deuteranopia
178, 163, 180



Tritanopia
171, 165, 178

Trichromacy



Original Color

171, 165, 180

Protanomaly

168, 166, 181

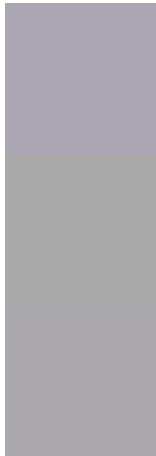
Deuteranomaly

175, 164, 180

Tritanomaly

171, 165, 179

Monochromacy



Original Color

171, 165, 180

Achromatopsia

169, 169, 169

Achromatomaly

170, 168, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 165, 180 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(171, 165, 180)` looks like.

```
.text, #text, p{  
    color:rgb(171, 165, 180)  
}
```

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(171, 165, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 165, 180) }
```

Border

The CSS property to change the border of an element to RYB 171, 165, 180 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(171, 165, 180) }
```

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

```
.border{ border-color:rgb(171, 165, 180) }
```

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

Here you see how a box with a 4 pixel rgb(171, 165, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 165, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 165, 180);  
box-shadow:4px 4px 4px 4px rgb(171, 165,  
180) }
```

Background

The CSS property to change the background color of an element to RYB 171, 165, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 165, 180) }
```

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

```
.background{ background-color: rgb(171,  
165, 180) }
```

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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