

Converting Colors

`RYB(171, 165, 184)`

Have a look what the booklet for
RYB(171, 165, 184) contains.

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Color

R_YB(171, 165, 184)

Conversions

Conversions Part 1

Format	Color
Hex	ABA5B8
RGB	171, 165, 184
RGB Percent	67%, 65%, 72%
CMY	0.3294, 0.3529, 0.2784
CMYK	0.07, 0.10, 0.00, 0.28
HSL	259°, 12%, 68%
HSV	259°, 10%, 72%
XYZ	38.9014, 39.0289, 50.8304
YIQ	168.9600, -2.5230, 7.1810

Conversions

Conversions Part 2

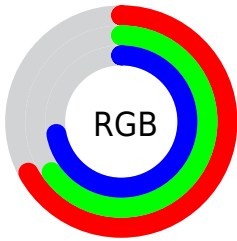
Format	Color
RYB	171, 165, 184
Decimal	11249080
CIELab	68.77, 5.83, -8.99
CIElCh	69, 10.718, 302.983
Yxy	39.0289, 0.3021, 0.3031
Android (android.graphics.Color)	4289439160 (0xFFABA5B8)
YUV	168.9600, 7.4147, 1.7891
Hunter-Lab	62.4731, 1.8224, -4.5093

Details

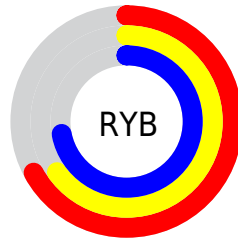
The RYB color **171, 165, 184** is a light color, and the websafe version is hex **999999**. A complement of this color would be **165, 184, 171**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **226, 220, 240**, and **119, 113, 131** is the 20% darker color. If you saturate the color by 10%, you get **158, 147, 184**, and if you desaturate by 10%, it is **184, 183, 184**.

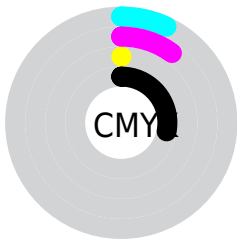
Distribution



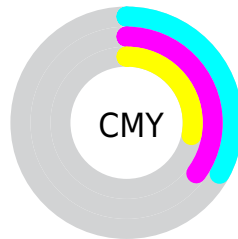
- Red (67%)
- Green (65%)
- Blue (72%)



- Red (67%)
- Yellow (65%)
- Blue (72%)



- Cyan (7%)
- Magenta (10%)
- Yellow (0%)
- Black (28%)




- Cyan (33%)
- Magenta (35%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 165, 184 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, 184 by changing the saturation by 10% instead.


 171, 165, 184

255, 255, 255

 226, 220, 240


 255, 248, 255

 171, 165, 184

 144, 139, 157

 119, 113, 131

 94, 89, 106

 70, 65, 82


 48, 43, 59

 27, 23, 37

 0, 0, 16

 0, 0, 0

 171, 165, 184

 171, 165, 184

■ 158, 147, 184

■ 184, 183, 184

■ 146, 128, 184

■ 184, 202, 190

■ 133, 110, 184

■ 184, 220, 195

■ 121, 91, 184

■ 184, 239, 202

■ 108, 73, 184

■ 184, 255, 205

■ 95, 55, 184

■ 184, 255, 192

■ 83, 36, 184

■ 184, 255, 184

■ 70, 18, 184

■ 58, 0, 184

Harmonies

Analogous

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



159, 166, 187



171, 165, 184



182, 162, 177

Triad

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



171, 165, 184



184, 172, 151



145, 161, 174

Complementary

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



171, 165, 184



165, 184, 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.



153, 168, 173



171, 165, 184



161, 175, 149

Square

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



171, 165, 184



188, 163, 158



151, 170, 157



144, 160, 178

Rectangle

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



171, 165, 184



186, 161, 170



151, 170, 157



148, 163, 173

Sweetspot

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



171, 165, 184



235, 233, 240



165, 173, 184



117, 115, 120



247, 247, 247



120, 120, 120

Same Dimension

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



171, 165, 184



220, 211, 240



180, 165, 184



86, 83, 92



49, 0, 156



9, 0, 28

Inverse Universe

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



184, 165, 178



240, 211, 231



165, 184, 180



92, 83, 89



156, 0, 106



28, 0, 19

Previews

White Background



This preview shows how the RYB color 171, 165, 184 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, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

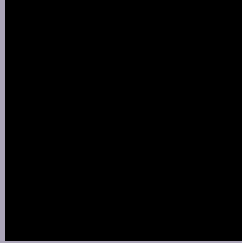
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

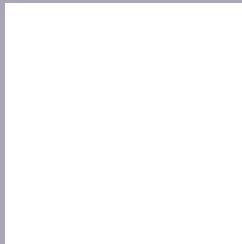
Any Text WCAG AAA ✓ Pass

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

RYB 171, 165, 184 Background



This preview shows how black text looks on a background with the RYB color 171, 165, 184.



This preview shows how white text looks on a background with the RYB color 171, 165, 184.

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, 184

Protanopia

166, 167, 185

Deuteranopia

176, 163, 184



Tritanopia
170, 166, 179

Trichromacy



Original Color

171, 165, 184

Protanomaly

168, 166, 185

Deuteranomaly

174, 164, 184

Tritanomaly

170, 166, 181

Monochromacy



Original Color

171, 165, 184

Achromatopsia

169, 169, 169

Achromatomaly

170, 168, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 165, 184 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, 184) looks like.

```
.text, #text, p{  
    color:rgb(171, 165, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 165, 184) }
```

Border

The CSS property to change the border of an element to RYB 171, 165, 184 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, 184) }
```

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

```
.border{ border-color:rgb(171, 165, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 165, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 165, 184);  
box-shadow:4px 4px 4px 4px rgb(171, 165,  
184) }
```

Background

The CSS property to change the background color of an element to RYB 171, 165, 184 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, 184) }
```

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

```
.background{ background-color: rgb(171,  
165, 184) }
```

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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