

Converting Colors

`RYB(165, 160, 159)`

Have a look what the booklet for
RYB(165, 160, 159) contains.

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Color

R_YB(165, 160, 159)

Conversions

Conversions Part 1

Format	Color
Hex	A5A09F
RGB	165, 160, 159
RGB Percent	65%, 63%, 62%
CMY	0.3529, 0.3731, 0.3765
CMYK	0.00, 0.03, 0.04, 0.35
HSL	9°, 3%, 64%
HSV	9°, 4%, 65%
XYZ	34.3211, 35.5946, 37.8624
YIQ	161.3810, 3.3010, 0.7490

Conversions

Conversions Part 2

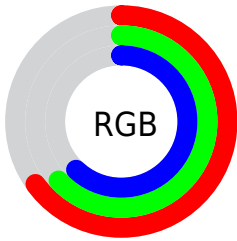
Format	Color
RYB	165, 160, 159
Decimal	10854559
CIELab	66.21, 1.70, 1.10
CIELCh	66, 2.025, 32.857
Yxy	35.5946, 0.3184, 0.3303
Android (android.graphics.Color)	4289044639 (0xFFA5A09F)
YUV	161.3810, -1.1738, 3.1739
Hunter-Lab	59.6612, -1.7221, 4.1360

Details

The RYB color **165, 160, 159** is a light color, and the websafe version is hex **999999**. A complement of this color would be **159, 162, 165**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **220, 215, 214**, and **113, 109, 108** is the 20% darker color. If you saturate the color by 10%, you get **165, 147, 142**, and if you desaturate by 10%, it is **165, 170, 175**.

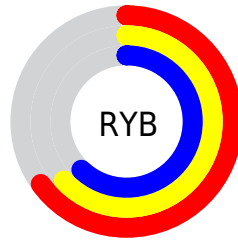
Distribution



Red (65%)

Green (63%)

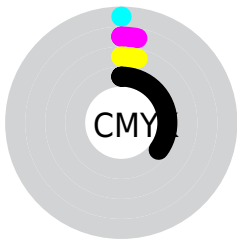
Blue (62%)



Red (65%)

Yellow (63%)

Blue (62%)

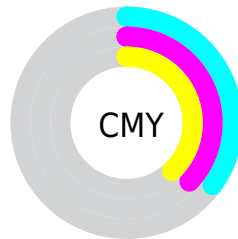


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (35%)



Cyan (35%)

Magenta (37%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 160, 159 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 165, 160, 159 by changing the saturation by 10% instead.


 165, 160, 159

255, 255, 255

 220, 215, 214

 248, 243, 242

 165, 160, 159

 139, 134, 133

 113, 108, 108

 89, 84, 83

 65, 61, 60

 43, 39, 39

 23, 19, 18

 0, 0, 0

 165, 160, 159

 165, 147, 142

 165, 160, 159


 165, 170, 175

 165, 133, 126

 165, 177, 192

 165, 118, 109

 165, 185, 208

 165, 105, 93

 165, 193, 225

 165, 91, 76

 165, 200, 241

 165, 78, 60

 165, 207, 255

 165, 64, 43

 165, 210, 255

 165, 50, 27

 165, 37, 10

Harmonies

Analogous

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



165, 160, 161



165, 160, 159



164, 161, 158

Triad

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



165, 160, 159



158, 161, 162



159, 160, 164

Complementary

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



165, 160, 159



159, 162, 165

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.



158, 160, 164



165, 160, 159



157, 160, 162

Square

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



165, 160, 159



158, 161, 159



157, 160, 163



162, 160, 164

Rectangle

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



165, 160, 159



160, 163, 157



157, 160, 163



159, 160, 164

Sweetspot

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



165, 160, 159



214, 212, 212



165, 159, 164



107, 106, 106



235, 235, 235



107, 107, 107

Same Dimension

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



165, 160, 159



214, 207, 206



162, 165, 159



82, 78, 78



145, 25, 0



18, 4, 0

Inverse Universe

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



159, 162, 165



206, 210, 214



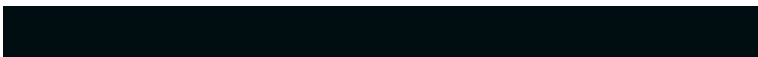
159, 161, 165



78, 80, 82



0, 67, 145



0, 8, 18

Previews

White Background



This preview shows how the RYB color 165, 160, 159 looks on a white background.

Color Contrast Check

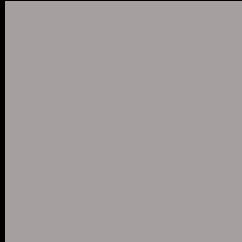
Large Text (above 18pt) WCAG AA × Fail

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 165, 160, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

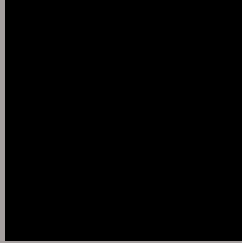
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

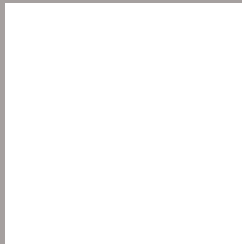
Any Text WCAG AAA ✓ Pass

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

RYB 165, 160, 159 Background



This preview shows how black text looks on a background with the RYB color 165, 160, 159.

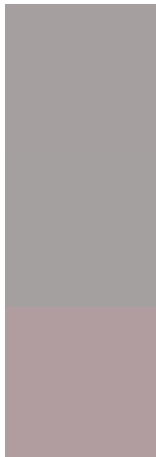


This preview shows how white text looks on a background with the RYB color 165, 160, 159.

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
165, 160, 159

Protanopia
164, 160, 159

Deuteranopia
177, 156, 160



Tritanopia
167, 158, 171

Trichromacy



Original Color

165, 160, 159

Protanomaly

164, 160, 159

Deuteranomaly

173, 157, 160

Tritanomaly

166, 159, 167

Monochromacy



Original Color

165, 160, 159

Achromatopsia

161, 161, 161

Achromatomaly

162, 162, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 160, 159 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(165, 160, 159)` looks like.

```
.text, #text, p{  
    color:rgb(165, 160, 159)  
}
```

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(165, 160, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 160, 159) }
```

Border

The CSS property to change the border of an element to RYB 165, 160, 159 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(165, 160, 159) }
```

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

```
.border{ border-color:rgb(165, 160, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 160, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 160, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 160, 159);  
box-shadow:4px 4px 4px 4px rgb(165, 160,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 165, 160, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 160, 159) }
```

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

```
.background{ background-color: rgb(165,  
160, 159) }
```

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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