

Converting Colors

`RYB(159, 176, 162)`

Have a look what the booklet for
RYB(159, 176, 162) contains.

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Color

R_YB(159, 176, 162)

Conversions

Conversions Part 1

Format	Color
Hex	ADB09F
RGB	173, 176, 159
RGB Percent	68%, 69%, 62%
CMY	0.3216, 0.3098, 0.3765
CMYK	0.02, 0.00, 0.10, 0.31
HSL	71°, 10%, 66%
HSV	71°, 10%, 69%
XYZ	39.0169, 42.4381, 38.9359
YIQ	173.1650, 3.6690, -5.9230

Conversions

Conversions Part 2

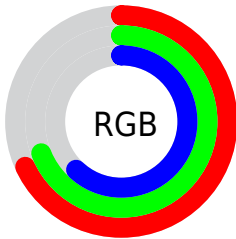
Format	Color
RYB	159, 176, 162
Decimal	11382943
CIELab	71.17, -4.14, 8.34
CIElCh	71, 9.310, 116.414
Yxy	42.4381, 0.3241, 0.3525
Android (android.graphics.Color)	4289573023 (0xFFADB09F)
YUV	173.1650, -6.9833, -0.1447
Hunter-Lab	65.1445, -7.0942, 10.1645

Details

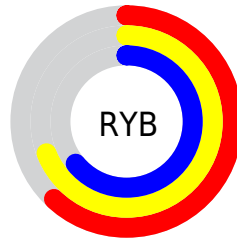
The RYB color **159, 176, 162** is a light color, and the websafe version is hex **999999**. A complement of this color would be **162, 159, 176**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **214, 232, 218**, and **108, 124, 111** is the 20% darker color. If you saturate the color by 10%, you get **141, 176, 147**, and if you desaturate by 10%, it is **176, 176, 177**.

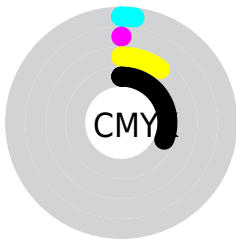
Distribution



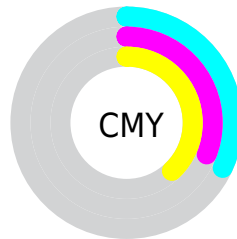
- Red (68%)
- Green (69%)
- Blue (62%)



- Red (62%)
- Yellow (69%)
- Blue (64%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (31%)



- Cyan (32%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 159, 176, 162 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 159, 176, 162 by changing the saturation by 10% instead.


 159, 176, 162

 159, 176, 162

255, 255, 255


 133, 149, 136

 214, 232, 218

 108, 124, 111

 242, 255, 242

 83, 99, 86

 60, 75, 63

 38, 52, 40

 18, 31, 20

 0, 7, 7

 0, 0, 0

 159, 176, 162

 159, 176, 162

■ 141, 176, 147

■ 176, 176, 177

■ 124, 176, 133

■ 179, 176, 194

■ 106, 176, 118

■ 182, 176, 212

■ 89, 176, 104

■ 185, 176, 229

■ 71, 176, 90

■ 189, 176, 247

■ 53, 176, 75

■ 192, 176, 255

■ 36, 176, 61

■ 195, 176, 255

■ 18, 176, 46

■ 198, 176, 255

■ 1, 176, 32

■ 201, 176, 255

Harmonies

Analogous

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



171, 182, 157



159, 176, 162



163, 176, 178

Triad

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



159, 176, 162



156, 169, 188



191, 169, 176

Complementary

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



159, 176, 162



162, 159, 176

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.



185, 170, 184



159, 176, 162



164, 172, 191

Square

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



159, 176, 162



153, 166, 181



175, 172, 189



193, 169, 167

Rectangle

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



159, 176, 162



158, 171, 179



175, 172, 189



189, 169, 178

Sweetspot

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



159, 176, 162



223, 230, 225



176, 163, 159



110, 115, 111



242, 242, 242



115, 115, 115

Same Dimension

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



159, 176, 162



202, 230, 207



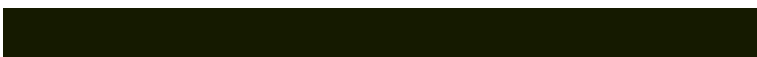
159, 176, 170



80, 89, 81



0, 153, 27



0, 26, 5

Inverse Universe

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



162, 159, 176



207, 202, 230



170, 159, 176



82, 80, 89



27, 0, 153



4, 0, 26

Previews

White Background



This preview shows how the RYB color 159, 176, 162 looks on a white background.

Color Contrast Check

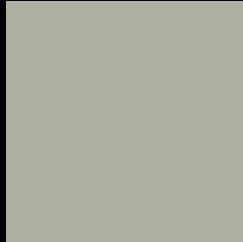
Large Text (above 18pt) WCAG AA × Fail

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 159, 176, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

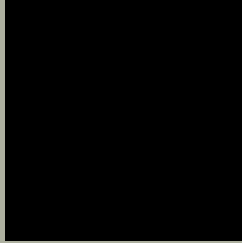
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

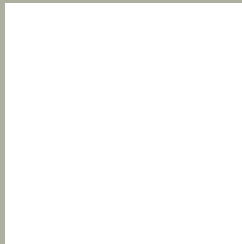
Any Text WCAG AAA ✓ Pass

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

RYB 159, 176, 162 Background



This preview shows how black text looks on a background with the RYB color 159, 176, 162.



This preview shows how white text looks on a background with the RYB color 159, 176, 162.

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
159, 176, 162

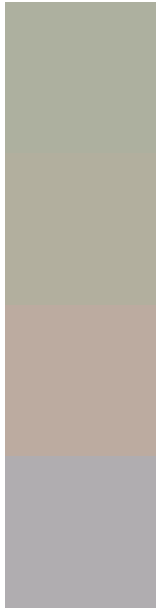
Protanopia
168, 181, 158

Deuteranopia
196, 170, 161



Tritanopia
177, 172, 186

Trichromacy



Original Color

159, 176, 162

Protanomaly

162, 178, 158

Deuteranomaly

188, 178, 160

Tritanomaly

176, 173, 176

Monochromacy



Original Color

159, 176, 162

Achromatopsia

173, 173, 173

Achromatomaly

168, 174, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 159, 176, 162 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(173, 176, 159)` looks like.

```
.text, #text, p{  
    color:rgb(173, 176, 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(173, 176, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 176, 159) }
```

Border

The CSS property to change the border of an element to RYB 159, 176, 162 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(173, 176, 159) }
```

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

```
.border{ border-color:rgb(173, 176, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 176, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 176, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 176, 159);  
box-shadow:4px 4px 4px 4px rgb(173, 176,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 159, 176, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 176, 159) }
```

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

```
.background{ background-color: rgb(173,  
176, 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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