

Converting Colors

`RYB(175, 158, 158)`

Have a look what the booklet for
RYB(175, 158, 158) contains.

RYB(175, 158, 158)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(175, 158, 158)

Conversions

Conversions Part 1

Format	Color
Hex	AF9E9E
RGB	175, 158, 158
RGB Percent	69%, 62%, 62%
CMY	0.3137, 0.3804, 0.3804
CMYK	0.00, 0.10, 0.10, 0.31
HSL	0°, 10%, 65%
HSV	0°, 10%, 69%
XYZ	36.0776, 36.0363, 37.4020
YIQ	163.0830, 10.1320, 3.6040

Conversions

Conversions Part 2

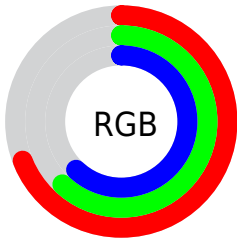
Format	Color
RYB	175, 158, 158
Decimal	11509406
CIELab	66.55, 6.21, 2.25
CIELCh	67, 6.611, 19.942
Yxy	36.0363, 0.3294, 0.3291
Android (android.graphics.Color)	4289699486 (0xFFAF9E9E)
YUV	163.0830, -2.5059, 10.4512
Hunter-Lab	60.0302, 2.2239, 5.0804

Details

The RYB color **175, 158, 158** is a light color, and the websafe version is hex **999999**. A complement of this color would be **158, 167, 175**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **231, 213, 213**, and **122, 107, 107** is the 20% darker color. If you saturate the color by 10%, you get **175, 141, 141**, and if you desaturate by 10%, it is **175, 176, 176**.

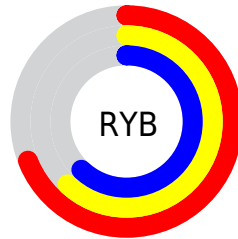
Distribution



Red (69%)

Green (62%)

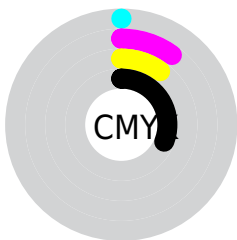
Blue (62%)



Red (69%)

Yellow (62%)

Blue (62%)

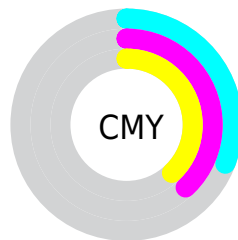


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (31%)



Cyan (31%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 158, 158 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 175, 158, 158 by changing the saturation by 10% instead.


 175, 158, 158


255, 255, 255

 231, 213, 213


 255, 241, 241


 175, 158, 158


 148, 132, 132

 122, 107, 107

 98, 82, 83

 74, 59, 60

 51, 38, 38


 30, 17, 17

 0, 0, 0

 175, 158, 158

 175, 141, 141

 175, 158, 158

 175, 176, 176

■ 175, 123, 123

■ 175, 184, 193

■ 175, 106, 106

■ 175, 193, 211

■ 175, 88, 88

■ 175, 202, 228

■ 175, 71, 71

■ 175, 211, 246

■ 175, 53, 53

■ 175, 215, 255

■ 175, 36, 36

■ 175, 18, 18

■ 175, 1, 1

Harmonies

Analogous

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



173, 158, 164



175, 158, 158



174, 161, 153

Triad

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



175, 158, 158



154, 164, 162



154, 160, 173

Complementary

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



175, 158, 158



158, 167, 175

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.



149, 158, 171



175, 158, 158



150, 159, 165

Square

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



175, 158, 158



151, 163, 151



147, 156, 166



161, 161, 173

Rectangle

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



175, 158, 158



171, 167, 151



147, 156, 166



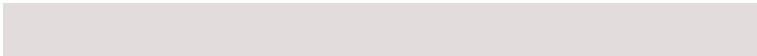
152, 160, 173

Sweetspot

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



175, 158, 158



227, 220, 220



175, 158, 175



115, 110, 110



242, 242, 242



115, 115, 115

Same Dimension

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



175, 158, 158



227, 200, 200



173, 175, 158



87, 78, 78



150, 0, 0



23, 0, 0

Inverse Universe

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



158, 167, 175



200, 214, 227



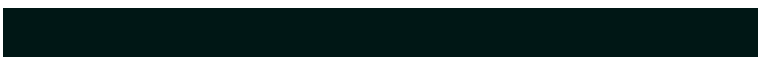
158, 164, 175



78, 83, 87



0, 75, 150



0, 12, 23

Previews

White Background



This preview shows how the RYB color 175, 158, 158 looks on a white background.

Color Contrast Check

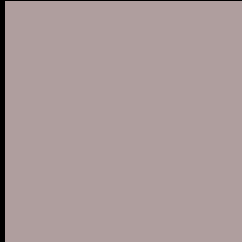
Large Text (above 18pt) WCAG AA × Fail

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 175, 158, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

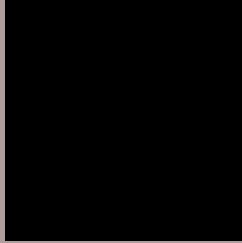
Any Text WCAG AA ✓ Pass

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 175, 158, 158 Background



This preview shows how black text looks on a background with the RYB color 175, 158, 158.



This preview shows how white text looks on a background with the RYB color 175, 158, 158.

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
175, 158, 158

Protanopia
165, 161, 160

Deuteranopia
179, 157, 158



Tritanopia
176, 156, 169

Trichromacy



Original Color

175, 158, 158

Protanomaly

169, 160, 159

Deuteranomaly

178, 157, 158

Tritanomaly

176, 157, 165

Monochromacy



Original Color

175, 158, 158

Achromatopsia

163, 163, 163

Achromatomaly

167, 161, 161

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 158, 158 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(175, 158, 158) looks like.

```
.text, #text, p{  
    color:rgb(175, 158, 158)  
}
```

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(175, 158, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 158, 158) }
```

Border

The CSS property to change the border of an element to RYB 175, 158, 158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

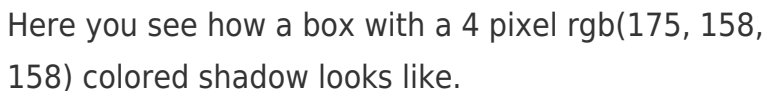
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 158, 158) }
```

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

```
.border{ border-color:rgb(175, 158, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 158, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 158, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 158, 158);  
box-shadow:4px 4px 4px 4px rgb(175, 158,  
158) }
```

Background

The CSS property to change the background color of an element to RYB 175, 158, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 158, 158) }
```

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

```
.background{ background-color: rgb(175,  
158, 158) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor