

Converting Colors

`RYB(183, 158, 158)`

Have a look what the booklet for
RYB(183, 158, 158) contains.

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Color

R_YB(183, 158, 158)

Conversions

Conversions Part 1

Format	Color
Hex	B79E9E
RGB	183, 158, 158
RGB Percent	72%, 62%, 62%
CMY	0.2824, 0.3804, 0.3804
CMYK	0.00, 0.14, 0.14, 0.28
HSL	0°, 15%, 67%
HSV	0°, 14%, 72%
XYZ	37.9269, 36.9896, 37.4885
YIQ	165.4750, 14.9000, 5.3000

Conversions

Conversions Part 2

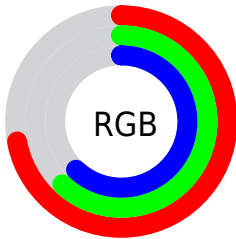
Format	Color
RYB	183, 158, 158
Decimal	12033694
CIELab	67.27, 9.19, 3.39
CIELCh	67, 9.793, 20.259
Yxy	36.9896, 0.3374, 0.3291
Android (android.graphics.Color)	4290223774 (0xFFB79E9E)
YUV	165.4750, -3.6852, 15.3694
Hunter-Lab	60.8191, 4.8794, 6.0274

Details

The RYB color **183, 158, 158** is a light color, and the websafe version is hex **999999**. A complement of this color would be **158, 171, 183**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **239, 213, 213**, and **130, 107, 107** is the 20% darker color. If you saturate the color by 10%, you get **183, 140, 140**, and if you desaturate by 10%, it is **183, 176, 176**.

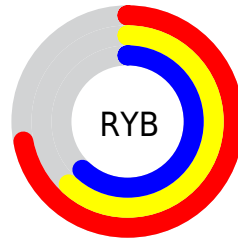
Distribution



Red (72%)

Green (62%)

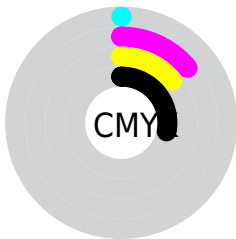
Blue (62%)



Red (72%)

Yellow (62%)

Blue (62%)

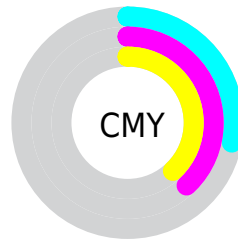


Cyan (0%)

Magenta (14%)

Yellow (14%)

Black (28%)



Cyan (28%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 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 183, 158, 158 by changing the saturation by 10% instead.

 183, 158, 158


255, 255, 255

 239, 213, 213

 255, 241, 241

 183, 158, 158

 156, 132, 132

 130, 107, 107


 104, 82, 83

 80, 59, 60


 57, 38, 38

 35, 17, 17

 0, 0, 0

 183, 158, 158


 183, 140, 140


 183, 158, 158

 183, 176, 176

 183, 121, 121

 183, 189, 195

 183, 103, 103

 183, 198, 213

 183, 85, 85

 183, 207, 231

 183, 67, 67


 183, 217, 250

 183, 48, 48

 183, 219, 255

 183, 30, 30

 183, 12, 12

 183, 0, 0

Harmonies

Analogous

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



180, 158, 167



183, 158, 158



181, 164, 151

Triad

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



183, 158, 158



152, 167, 165



151, 161, 181

Complementary

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



183, 158, 158



158, 171, 183

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.



144, 158, 177



183, 158, 158



146, 160, 169

Square

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



183, 158, 158



147, 165, 147



142, 156, 169



162, 162, 180

Rectangle

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



183, 158, 158



177, 173, 147



142, 156, 169



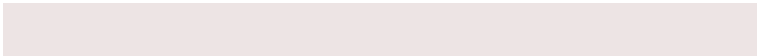
148, 160, 180

Sweetspot

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



183, 158, 158



237, 228, 228



183, 158, 183



120, 114, 114



247, 247, 247



120, 120, 120

Same Dimension

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



183, 158, 158



237, 199, 199



181, 183, 158



92, 83, 83



156, 0, 0



28, 0, 0

Inverse Universe

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



158, 171, 183



199, 218, 237



158, 167, 183



83, 88, 92



0, 78, 156



0, 14, 28

Previews

White Background



This preview shows how the RYB color 183, 158, 158 looks on a white background.

Color Contrast Check

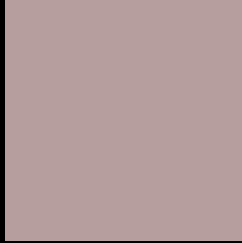
Large Text (above 18pt) WCAG AA × Fail

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 183, 158, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

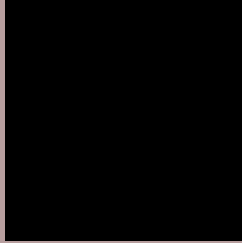
Any Text WCAG AA ✓ Pass

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 183, 158, 158 Background



This preview shows how black text looks on a background with the RYB color 183, 158, 158.



This preview shows how white text looks on a background with the RYB color 183, 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
183, 158, 158

Protanopia
167, 164, 161

Deuteranopia
182, 158, 158



Tritanopia
184, 156, 169

Trichromacy



Original Color

183, 158, 158

Protanomaly

173, 161, 160

Deuteranomaly

182, 158, 158

Tritanomaly

184, 157, 165

Monochromacy



Original Color

183, 158, 158

Achromatopsia

165, 165, 165

Achromatomaly

172, 162, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 183, 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(183, 158, 158) looks like.

```
.text, #text, p{  
    color:rgb(183, 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(183, 158, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 158, 158) }
```

Border

The CSS property to change the border of an element to RYB 183, 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(183, 158, 158) }
```

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

```
.border{ border-color:rgb(183, 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(183, 158, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 158, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 158, 158);  
box-shadow:4px 4px 4px 4px rgb(183, 158,  
158) }
```

Background

The CSS property to change the background color of an element to RYB 183, 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(183, 158, 158) }
```

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

```
.background{ background-color: rgb(183,  
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](#).

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