

Converting Colors

`RYB(160, 156, 159)`

Have a look what the booklet for
RYB(160, 156, 159) contains.

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Color

R_YB(160, 156, 159)

Conversions

Conversions Part 1

Format	Color
Hex	A09C9F
RGB	160, 156, 159
RGB Percent	63%, 61%, 62%
CMY	0.3725, 0.3882, 0.3765
CMYK	0.00, 0.02, 0.01, 0.37
HSL	315°, 2%, 62%
HSV	315°, 2%, 63%
XYZ	32.6437, 33.7537, 37.5955
YIQ	157.5380, 1.4210, 1.7810

Conversions

Conversions Part 2

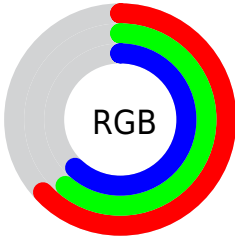
Format	Color
RYB	160, 156, 159
Decimal	10525855
CIELab	64.77, 2.02, -1.06
CIELCh	65, 2.280, 332.377
Yxy	33.7537, 0.3139, 0.3246
Android (android.graphics.Color)	4288715935 (0xFFA09C9F)
YUV	157.5380, 0.7208, 2.1592
Hunter-Lab	58.0980, -1.3771, 2.3017

Details

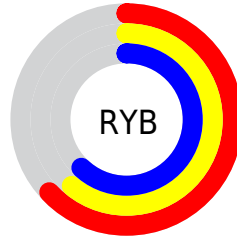
The RYB color **160, 156, 159** is a light color, and the websafe version is hex **999999**. A complement of this color would be **156, 159, 160**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **215, 210, 214**, and **109, 105, 108** is the 20% darker color. If you saturate the color by 10%, you get **160, 140, 155**, and if you desaturate by 10%, it is **160, 170, 172**.

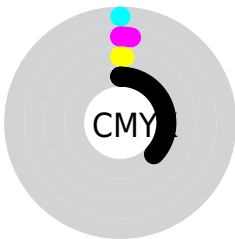
Distribution



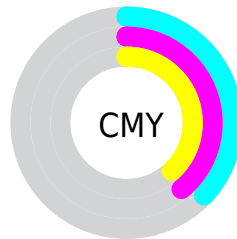
- Red (63%)
- Green (61%)
- Blue (62%)



- Red (63%)
- Yellow (61%)
- Blue (62%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (37%)




- Cyan (37%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 156, 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 160, 156, 159 by changing the saturation by 10% instead.


 160, 156, 159

255, 255, 255

 215, 210, 214


 243, 239, 242

 160, 156, 159

 134, 130, 133

 109, 105, 108

 84, 81, 83

 61, 58, 60


 39, 36, 39


 19, 15, 18

 0, 0, 0

 160, 156, 159

 160, 140, 155

 160, 156, 159

 160, 170, 172

■ 160, 124, 151

■ 160, 182, 188

■ 160, 108, 147

■ 160, 195, 204

■ 160, 92, 143

■ 160, 208, 220

■ 160, 76, 139

■ 160, 221, 236

■ 160, 60, 135

■ 160, 234, 252

■ 160, 44, 131

■ 160, 234, 255

■ 160, 28, 127

■ 160, 232, 255

■ 160, 12, 123

■ 160, 229, 255

Harmonies

Analogous

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



158, 157, 161



160, 156, 159



161, 156, 157

Triad

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



160, 156, 159



156, 159, 153



152, 155, 159

Complementary

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



160, 156, 159



156, 159, 160

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, 156, 158



160, 156, 159



154, 158, 156

Square

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



160, 156, 159



161, 157, 154



154, 157, 158



153, 156, 161

Rectangle

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



160, 156, 159



162, 156, 156



154, 157, 158



152, 155, 159

Sweetspot

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



160, 156, 159



209, 207, 209



157, 156, 160



105, 104, 104



232, 232, 232



105, 105, 105

Same Dimension

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



160, 156, 159



209, 203, 208



160, 156, 157



79, 76, 78



143, 0, 107



15, 0, 11

Inverse Universe

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



160, 156, 159



209, 203, 208



156, 158, 160



79, 76, 78



143, 0, 107



15, 0, 11

Previews

White Background



This preview shows how the RYB color 160, 156, 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 160, 156, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

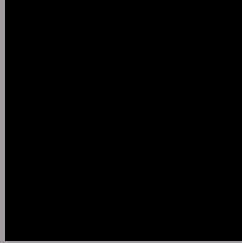
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

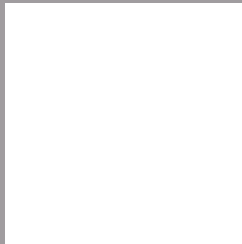
Any Text WCAG AAA ✓ Pass

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

RYB 160, 156, 159 Background



This preview shows how black text looks on a background with the RYB color 160, 156, 159.



This preview shows how white text looks on a background with the RYB color 160, 156, 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
160, 156, 159

Protanopia
159, 156, 159

Deuteranopia
171, 152, 160



Tritanopia
161, 155, 167

Trichromacy



Original Color

160, 156, 159

Protanomaly

159, 156, 159

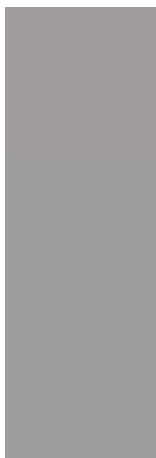
Deuteranomaly

167, 153, 160

Tritanomaly

161, 155, 164

Monochromacy



Original Color

160, 156, 159

Achromatopsia

158, 158, 158

Achromatomaly

159, 157, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 156, 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(160, 156, 159) looks like.

```
.text, #text, p{  
    color:rgb(160, 156, 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(160, 156, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 156, 159) }
```

Border

The CSS property to change the border of an element to RYB 160, 156, 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(160, 156, 159) }
```

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

```
.border{ border-color:rgb(160, 156, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 156, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 156, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 156, 159);  
box-shadow:4px 4px 4px 4px rgb(160, 156,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 160, 156, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 156, 159) }
```

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

```
.background{ background-color: rgb(160,  
156, 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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