

Converting Colors

`RYB(157, 163, 160)`

Have a look what the booklet for
RYB(157, 163, 160) contains.

RYB(157, 163, 160)	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

RYB(157, 163, 160)

Conversions

Conversions Part 1

Format	Color
Hex	A0A39D
RGB	160, 163, 157
RGB Percent	63%, 64%, 62%
CMY	0.3725, 0.3608, 0.3843
CMYK	0.02, 0.00, 0.04, 0.36
HSL	90°, 3%, 63%
HSV	90°, 4%, 64%
XYZ	33.6802, 36.1023, 37.0916
YIQ	161.4190, 0.1380, -2.5020

Conversions

Conversions Part 2

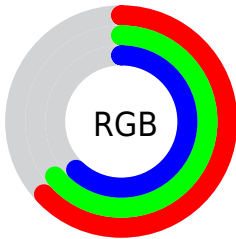
Format	Color
RYB	157, 163, 160
Decimal	10527645
CIELab	66.60, -2.21, 2.73
CIElCh	67, 3.510, 128.941
Yxy	36.1023, 0.3151, 0.3378
Android (android.graphics.Color)	4288717725 (0xFFA0A39D)
YUV	161.4190, -2.1786, -1.2445
Hunter-Lab	60.0852, -5.0925, 5.4589

Details

The RYB color **157, 163, 160** is a light color, and the websafe version is hex **999999**. A complement of this color would be **160, 157, 163**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **212, 218, 215**, and **106, 111, 108** is the 20% darker color. If you saturate the color by 10%, you get **141, 163, 152**, and if you desaturate by 10%, it is **168, 163, 173**.

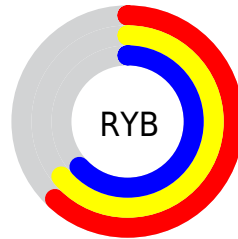
Distribution



Red (63%)

Green (64%)

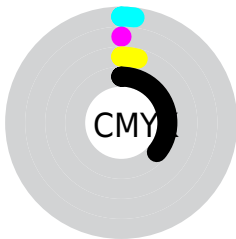
Blue (62%)



Red (62%)

Yellow (64%)

Blue (63%)

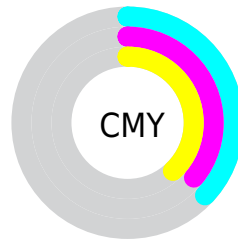


Cyan (2%)

Magenta (0%)

Yellow (4%)

Black (36%)



Cyan (37%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 163, 160 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 157, 163, 160 by changing the saturation by 10% instead.


 157, 163, 160

255, 255, 255

 212, 218, 215

 240, 246, 243

 157, 163, 160

 131, 137, 134

 106, 111, 108

 82, 87, 85

 59, 64, 62

 37, 42, 40

 16, 21, 18

 0, 0, 0

 157, 163, 160

 141, 163, 152

 157, 163, 160

 168, 163, 173

■ 124, 163, 143

■ 176, 163, 190

■ 108, 163, 135

■ 184, 163, 206

■ 92, 163, 128

■ 193, 163, 222

■ 76, 163, 120

■ 201, 163, 239

■ 59, 163, 111

■ 209, 163, 255

■ 43, 163, 103

■ 217, 163, 255

■ 27, 163, 95

■ 225, 163, 255

■ 10, 163, 86

■ 233, 163, 255

Harmonies

Analogous

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



159, 164, 156



157, 163, 160



157, 162, 164

Triad

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



157, 163, 160



157, 161, 168



169, 160, 161

Complementary

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



157, 163, 160



160, 157, 163

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.



167, 160, 164



157, 163, 160



160, 162, 168

Square

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



157, 163, 160



155, 160, 166



164, 161, 167



169, 160, 158

Rectangle

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



157, 163, 160



155, 160, 164



164, 161, 167



168, 160, 162

Sweetspot

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



157, 163, 160



210, 212, 211



163, 163, 157



106, 107, 106



235, 235, 235



107, 107, 107

Same Dimension

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



157, 163, 160



203, 212, 208



157, 163, 163



78, 82, 80



0, 145, 72



0, 18, 9

Inverse Universe

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



160, 157, 163



207, 203, 212



163, 157, 163



80, 78, 82



73, 0, 145



9, 0, 18

Previews

White Background



This preview shows how the RYB color 157, 163, 160 looks on a white background.

Color Contrast Check

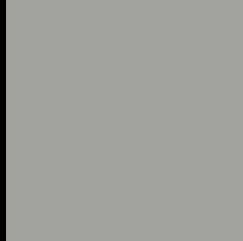
Large Text (above 18pt) WCAG AA × Fail

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 157, 163, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

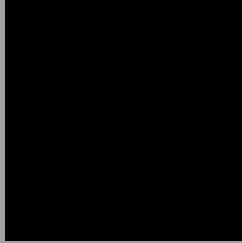
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

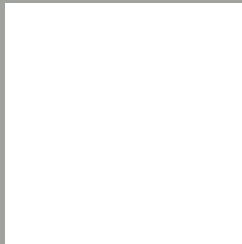
Any Text WCAG AAA ✓ Pass

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

RYB 157, 163, 160 Background



This preview shows how black text looks on a background with the RYB color 157, 163, 160.



This preview shows how white text looks on a background with the RYB color 157, 163, 160.

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


157, 163, 160

Protanopia

166, 166, 156

Deuteranopia

179, 157, 158



Tritanopia
162, 161, 173

Trichromacy



Original Color

157, 163, 160

Protanomaly

159, 164, 156

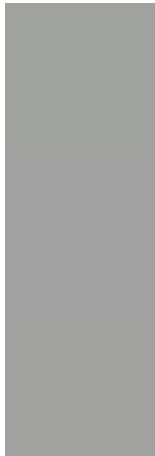
Deuteranomaly

172, 159, 158

Tritanomaly

161, 162, 167

Monochromacy



Original Color

157, 163, 160

Achromatopsia

161, 161, 161

Achromatomaly

160, 162, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 163, 160 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, 163, 157)` looks like.

```
.text, #text, p{  
    color:rgb(160, 163, 157)  
}
```

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, 163, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 163, 157) }
```

Border

The CSS property to change the border of an element to RYB 157, 163, 160 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, 163, 157) }
```

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

```
.border{ border-color:rgb(160, 163, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 163, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 163, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 163, 157);  
box-shadow:4px 4px 4px 4px rgb(160, 163,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 157, 163, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 163, 157) }
```

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

```
.background{ background-color: rgb(160,  
163, 157) }
```

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