

Converting Colors

`RYB(160, 154, 158)`

Have a look what the booklet for
RYB(160, 154, 158) contains.

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Color

R_YB(160, 154, 158)

Conversions

Conversions Part 1

Format	Color
Hex	A09A9E
RGB	160, 154, 158
RGB Percent	63%, 60%, 62%
CMY	0.3725, 0.3961, 0.3804
CMYK	0.00, 0.04, 0.01, 0.37
HSL	320°, 3%, 62%
HSV	320°, 4%, 63%
XYZ	32.2244, 33.0534, 37.0293
YIQ	156.2500, 2.2920, 2.5160

Conversions

Conversions Part 2

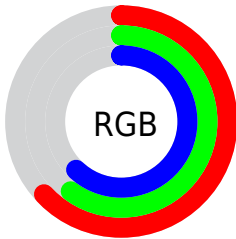
Format	Color
RYB	160, 154, 158
Decimal	10525342
CIELab	64.20, 2.94, -1.32
CIELCh	64, 3.221, 335.829
Yxy	33.0534, 0.3150, 0.3231
Android (android.graphics.Color)	4288715422 (0xFFA09A9E)
YUV	156.2500, 0.8628, 3.2887
Hunter-Lab	57.4921, -0.5618, 2.0572

Details

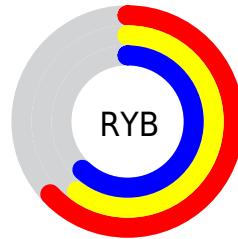
The RYB color **160, 154, 158** is a light color, and the websafe version is hex **999999**. A complement of this color would be **154, 159, 160**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **215, 208, 213**, and **109, 103, 107** is the 20% darker color. If you saturate the color by 10%, you get **160, 138, 153**, and if you desaturate by 10%, it is **160, 168, 170**.

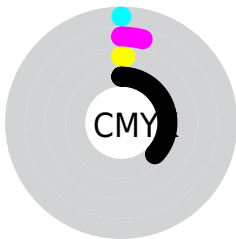
Distribution



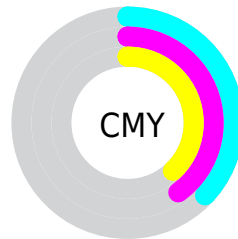
- Red (63%)
- Green (60%)
- Blue (62%)



- Red (63%)
- Yellow (60%)
- Blue (62%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (37%)



- Cyan (37%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 154, 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 160, 154, 158 by changing the saturation by 10% instead.

■ 160, 154, 158

255, 255, 255

■ 215, 208, 213

■ 243, 237, 241

■ 160, 154, 158

■ 134, 128, 132

■ 109, 103, 107

■ 84, 79, 83

■ 61, 56, 60

■ 39, 35, 38

■ 19, 13, 17


■ 0, 0, 0


■ 160, 154, 158


■ 160, 138, 153


■ 160, 154, 158


■ 160, 168, 170

 160, 122, 147


 160, 179, 186

 160, 106, 142

 160, 192, 202

 160, 90, 137

 160, 204, 218

 160, 74, 131


 160, 215, 234

 160, 58, 126


 160, 228, 250

 160, 42, 121

 160, 229, 255

 160, 26, 115

 160, 226, 255

 160, 10, 110

 160, 224, 255

Harmonies

Analogous

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



157, 155, 160



160, 154, 158



162, 154, 155

Triad

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



160, 154, 158



153, 158, 150



149, 153, 159

Complementary

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



160, 154, 158



154, 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.



149, 153, 157



160, 154, 158



151, 156, 153

Square

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



160, 154, 158



160, 160, 150



151, 156, 157



151, 155, 161

Rectangle

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



160, 154, 158



162, 154, 153



151, 156, 157



149, 153, 158

Sweetspot

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



160, 154, 158



209, 207, 208



156, 154, 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, 154, 158



209, 199, 206



160, 154, 155



79, 74, 77



143, 0, 95



15, 0, 10

Inverse Universe

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



160, 154, 158



209, 199, 206



154, 157, 160



79, 74, 77



143, 0, 95



15, 0, 10

Previews

White Background



This preview shows how the RYB color 160, 154, 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 RGB color 160, 154, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

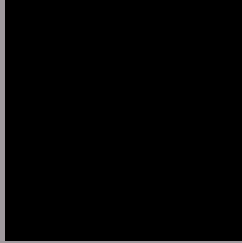
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

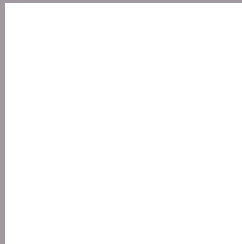
Any Text WCAG AAA ✓ Pass

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

RYB 160, 154, 158 Background



This preview shows how black text looks on a background with the RYB color 160, 154, 158.



This preview shows how white text looks on a background with the RYB color 160, 154, 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

160, 154, 158

Protanopia

157, 155, 158

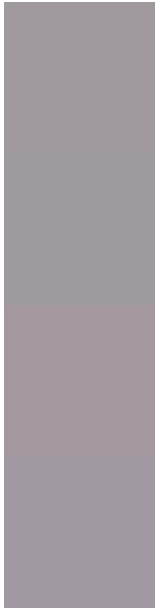
Deuteranopia

169, 151, 159



Tritanopia
161, 153, 165

Trichromacy



Original Color

160, 154, 158

Protanomaly

158, 155, 158

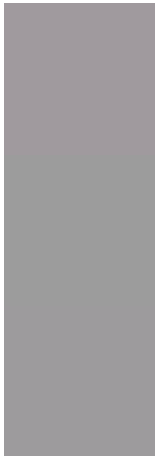
Deuteranomaly

166, 152, 159

Tritanomaly

161, 153, 162

Monochromacy



Original Color

160, 154, 158

Achromatopsia

156, 156, 156

Achromatomaly

157, 155, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 154, 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(160, 154, 158) looks like.

```
.text, #text, p{  
    color:rgb(160, 154, 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(160, 154, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 154, 158) }
```

Border

The CSS property to change the border of an element to RYB 160, 154, 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(160, 154, 158) }
```

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

```
.border{ border-color:rgb(160, 154, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 154, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 154, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 154, 158);  
box-shadow:4px 4px 4px 4px rgb(160, 154,  
158) }
```

Background

The CSS property to change the background color of an element to RYB 160, 154, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 154, 158) }
```

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

```
.background{ background-color: rgb(160,  
154, 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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