

Converting Colors

`RYB(158, 155, 156)`

Have a look what the booklet for
RYB(158, 155, 156) contains.

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Color

`RYB(158, 155, 156)`

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 9E9B9C |
| RGB | 158, 155, 156 |
| RGB Percent | 62%, 61%, 61% |
| CMY | 0.3804, 0.3922, 0.3882 |
| CMYK | 0.00, 0.02, 0.01, 0.38 |
| HSL | 340°, 2%, 61% |
| HSV | 340°, 2%, 62% |
| XYZ | 31.8226, 33.1121, 36.1665 |
| YIQ | 156.0110, 1.4670, 0.9470 |

Conversions

Conversions Part 2

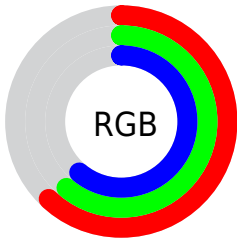
| Format | Color |
|-------------------------------------|---|
| RYB | 158, 155, 156 |
| Decimal | 10394524 |
| CIELab | 64.25, 1.28, -0.14 |
| CIELCh | 64, 1.288, 353.557 |
| Yxy | 33.1121, 0.3148, 0.3275 |
| Android (android.graphics.Color) | 4288584604 (0xFF9E9B9C) |
| YUV | 156.0110, -0.0054, 1.7444 |
| Hunter-Lab | 57.5431, -1.9859, 3.0157 |

Details

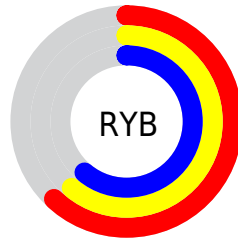
The RYB color **158, 155, 156** is a light color, and the websafe version is hex **999999**. A complement of this color would be **155, 157, 158**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **213, 209, 210**, and **107, 104, 105** is the 20% darker color. If you saturate the color by 10%, you get **158, 139, 145**, and if you desaturate by 10%, it is **158, 166, 171**.

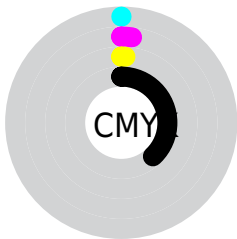
Distribution



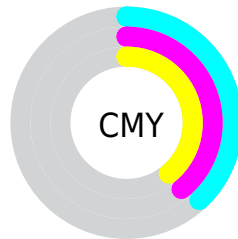
- Red (62%)
- Green (61%)
- Blue (61%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 158, 155, 156 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 158, 155, 156 by changing the saturation by 10% instead.

 158, 155, 156


255, 255, 255

 213, 209, 210

 241, 238, 239

 158, 155, 156

 132, 129, 130

 107, 104, 105

 83, 80, 81

 60, 57, 58


 38, 36, 36

 17, 14, 15

 0, 0, 0

 158, 155, 156


 158, 139, 145


 158, 155, 156


 158, 166, 171

 158, 123, 135


 158, 176, 187

 158, 108, 124

 158, 184, 202

 158, 92, 114

 158, 194, 218

 158, 76, 103

 158, 203, 234

 158, 60, 93

 158, 213, 250

 158, 44, 82

 158, 214, 255

 158, 29, 72

 158, 211, 255

 158, 13, 61

 158, 208, 255

Harmonies

Analogous

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



157, 155, 157



158, 155, 156



158, 155, 155

Triad

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



158, 155, 156



154, 156, 154



153, 155, 158

Complementary

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



158, 155, 156



155, 157, 158

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, 155, 157



158, 155, 156



154, 156, 156

Square

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



158, 155, 156



154, 157, 153



153, 155, 156



154, 155, 158

Rectangle

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



158, 155, 156



158, 155, 154



153, 155, 156



153, 155, 157

Sweetspot

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



158, 155, 156



207, 204, 205



157, 155, 158



105, 104, 104



232, 232, 232



105, 105, 105

Same Dimension

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



158, 155, 156



207, 202, 204



158, 155, 155



79, 77, 78



143, 0, 48



15, 0, 5

Inverse Universe

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



158, 155, 156



207, 202, 204



155, 157, 158



79, 77, 78



143, 0, 48



15, 0, 5

Previews

White Background



This preview shows how the RYB color 158, 155, 156 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 158, 155, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

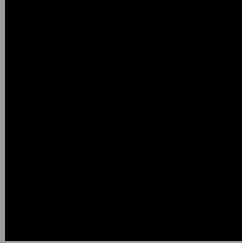
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

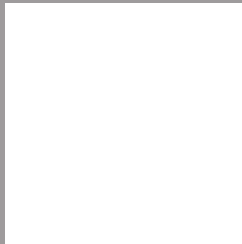
Any Text WCAG AAA ✓ Pass

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

RYB 158, 155, 156 Background



This preview shows how black text looks on a background with the RYB color 158, 155, 156.



This preview shows how white text looks on a background with the RYB color 158, 155, 156.

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
158, 155, 156

Protanopia
158, 155, 156

Deuteranopia
170, 151, 157



Tritanopia
159, 154, 166

Trichromacy



Original Color

158, 155, 156

Protanomaly

158, 155, 156

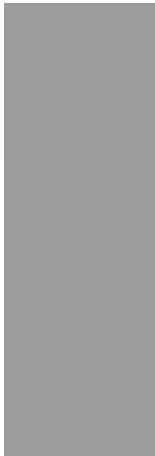
Deuteranomaly

166, 152, 157

Tritanomaly

159, 154, 162

Monochromacy



Original Color

158, 155, 156

Achromatopsia

156, 156, 156

Achromatomaly

157, 156, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 158, 155, 156 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(158, 155, 156) looks like.

```
.text, #text, p{  
    color:rgb(158, 155, 156)  
}
```

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(158, 155, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 155, 156) }
```

Border

The CSS property to change the border of an element to RYB 158, 155, 156 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(158, 155, 156) }
```

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

```
.border{ border-color:rgb(158, 155, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 155, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 155, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 155, 156);  
box-shadow:4px 4px 4px 4px rgb(158, 155,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 158, 155, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 155, 156) }
```

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

```
.background{ background-color: rgb(158,  
155, 156) }
```

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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