

Converting Colors

`RYB(159, 155, 155)`

Have a look what the booklet for
RYB(159, 155, 155) contains.

RYB(159, 155, 155)	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(159, 155, 155)`

Conversions

Conversions Part 1

Format	Color
Hex	9F9B9B
RGB	159, 155, 155
RGB Percent	62%, 61%, 61%
CMY	0.3765, 0.3922, 0.3922
CMYK	0.00, 0.03, 0.03, 0.38
HSL	0°, 2%, 62%
HSV	0°, 3%, 62%
XYZ	31.9358, 33.1802, 35.7316
YIQ	156.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

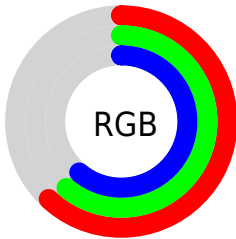
Format	Color
RYB	159, 155, 155
Decimal	10460059
CIELab	64.31, 1.45, 0.51
CIELCh	64, 1.540, 19.251
Yxy	33.1802, 0.3167, 0.3290
Android (android.graphics.Color)	4288650139 (0xFF9F9B9B)
YUV	156.1960, -0.5896, 2.4591
Hunter-Lab	57.6022, -1.8400, 3.5431

Details

The RYB color **159, 155, 155** is a light color, and the websafe version is hex **999999**. A complement of this color would be **155, 157, 159**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **214, 209, 209**, and **108, 104, 104** is the 20% darker color. If you saturate the color by 10%, you get **159, 139, 139**, and if you desaturate by 10%, it is **159, 165, 171**.

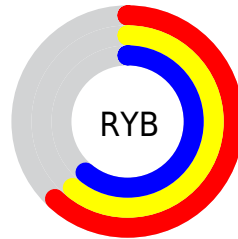
Distribution



Red (62%)

Green (61%)

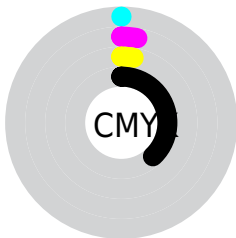
Blue (61%)



Red (62%)

Yellow (61%)

Blue (61%)

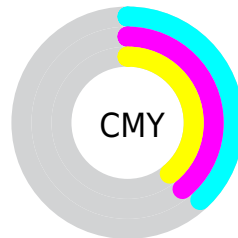


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (38%)



Cyan (38%)

Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 159, 155, 155 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 159, 155, 155 by changing the saturation by 10% instead.

 159, 155, 155

255, 255, 255

 214, 209, 209

 242, 238, 238

 159, 155, 155

 133, 129, 129

 108, 104, 104

 83, 80, 80

 60, 57, 57


 39, 36, 36

 18, 14, 14

 0, 0, 0

 159, 155, 155


 159, 139, 139


 159, 155, 155

 159, 165, 171

 159, 123, 123

 159, 173, 187

 159, 107, 107

 159, 181, 203

 159, 91, 91

 159, 189, 219

 159, 75, 75

 159, 197, 235

 159, 60, 60

 159, 205, 250

 159, 44, 44

 159, 207, 255

 159, 28, 28

 159, 12, 12

Harmonies

Analogous

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



158, 155, 156



159, 155, 155



159, 155, 154

Triad

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



159, 155, 155



154, 156, 156



154, 155, 159

Complementary

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



159, 155, 155



155, 157, 159

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, 158



159, 155, 155



153, 156, 157

Square

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



159, 155, 155



153, 156, 153



153, 155, 157



156, 156, 158

Rectangle

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



159, 155, 155



158, 156, 153



153, 155, 157



154, 155, 158

Sweetspot

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



159, 155, 155



207, 204, 204



159, 155, 159



105, 104, 104



232, 232, 232



105, 105, 105

Same Dimension

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



159, 155, 155



207, 200, 200



159, 159, 155



79, 76, 76



143, 0, 0



15, 0, 0

Inverse Universe

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



155, 157, 159



200, 204, 207



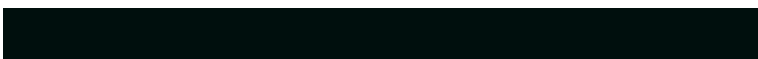
155, 156, 159



76, 78, 79



0, 72, 143



0, 8, 15

Previews

White Background



This preview shows how the RYB color 159, 155, 155 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 159, 155, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

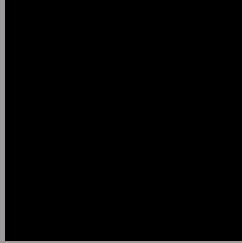
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

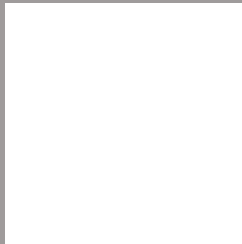
Any Text WCAG AAA ✓ Pass

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

RYB 159, 155, 155 Background



This preview shows how black text looks on a background with the RYB color 159, 155, 155.



This preview shows how white text looks on a background with the RYB color 159, 155, 155.

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


159, 155, 155

Protanopia

159, 155, 155

Deuteranopia

171, 151, 156



Tritanopia
161, 153, 165

Trichromacy



Original Color

159, 155, 155

Protanomaly

159, 155, 155

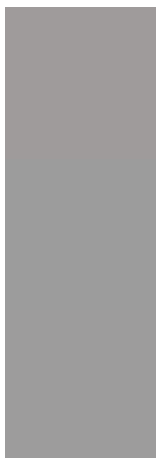
Deuteranomaly

167, 152, 156

Tritanomaly

160, 154, 161

Monochromacy



Original Color

159, 155, 155

Achromatopsia

156, 156, 156

Achromatomaly

157, 156, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 159, 155, 155 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(159, 155, 155)` looks like.

```
.text, #text, p{  
    color:rgb(159, 155, 155)  
}
```

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(159, 155, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 155, 155) }
```

Border

The CSS property to change the border of an element to RYB 159, 155, 155 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(159, 155, 155) }
```

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

```
.border{ border-color:rgb(159, 155, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 155, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 155, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 155, 155);  
box-shadow:4px 4px 4px 4px rgb(159, 155,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 159, 155, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 155, 155) }
```

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

```
.background{ background-color: rgb(159,  
155, 155) }
```

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