

Converting Colors

`RYB(161, 157, 159)`

Have a look what the booklet for
RYB(161, 157, 159) contains.

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Color

R_YB(161, 157, 159)

Conversions

Conversions Part 1

Format	Color
Hex	A19D9F
RGB	161, 157, 159
RGB Percent	63%, 62%, 62%
CMY	0.3686, 0.3843, 0.3765
CMYK	0.00, 0.02, 0.01, 0.37
HSL	330°, 2%, 62%
HSV	330°, 2%, 63%
XYZ	33.0129, 34.1942, 37.6611
YIQ	158.4240, 1.7420, 1.4700

Conversions

Conversions Part 2

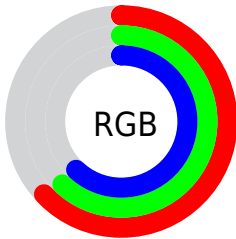
Format	Color
RYB	161, 157, 159
Decimal	10591647
CIELab	65.12, 1.83, -0.54
CIELCh	65, 1.905, 343.668
Yxy	34.1942, 0.3148, 0.3261
Android (android.graphics.Color)	4288781727 (0xFFA19D9F)
YUV	158.4240, 0.2840, 2.2592
Hunter-Lab	58.4758, -1.5593, 2.7476

Details

The RYB color **161, 157, 159** is a light color, and the websafe version is hex **999999**. A complement of this color would be **157, 160, 161**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **216, 212, 214**, and **110, 106, 108** is the 20% darker color. If you saturate the color by 10%, you get **161, 141, 151**, and if you desaturate by 10%, it is **161, 169, 173**.

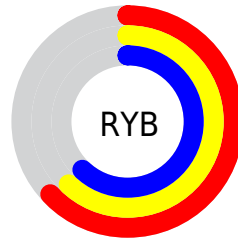
Distribution



Red (63%)

Green (62%)

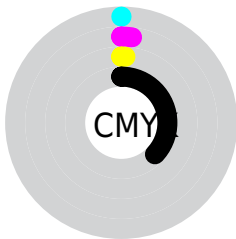
Blue (62%)



Red (63%)

Yellow (62%)

Blue (62%)

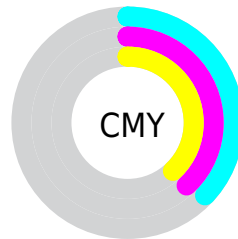


Cyan (0%)

Magenta (2%)

Yellow (1%)

Black (37%)



Cyan (37%)


Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 157, 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 161, 157, 159 by changing the saturation by 10% instead.

 161, 157, 159


255, 255, 255

 216, 212, 214

 244, 240, 242

 161, 157, 159

 135, 131, 133

 110, 106, 108


 85, 82, 83


 62, 59, 60


 40, 37, 39


 20, 16, 18


 0, 0, 0


 161, 157, 159


 161, 141, 151


 161, 157, 159


 161, 169, 173

 161, 125, 143


 161, 180, 189

 161, 109, 135


 161, 190, 205

 161, 93, 127


 161, 201, 221


 161, 77, 119

 161, 213, 238

 161, 60, 111

 161, 223, 254

 161, 44, 103

 161, 221, 255

 161, 28, 95

 161, 218, 255

 161, 12, 87

 161, 215, 255

Harmonies

Analogous

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



159, 157, 160



161, 157, 159



162, 157, 157

Triad

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



161, 157, 159



156, 159, 155



154, 157, 160

Complementary

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



161, 157, 159



157, 160, 161

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.



154, 157, 159



161, 157, 159



156, 159, 158

Square

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



161, 157, 159



161, 161, 155



155, 158, 159



155, 157, 161

Rectangle

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



161, 157, 159



162, 157, 156



155, 158, 159



154, 157, 160

Sweetspot

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



161, 157, 159



209, 207, 208



159, 157, 161



105, 104, 104



232, 232, 232



105, 105, 105

Same Dimension

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



161, 157, 159



209, 203, 206



161, 157, 157



82, 78, 80



145, 0, 73



18, 0, 9

Inverse Universe

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



161, 157, 159



209, 203, 206



157, 159, 161



82, 78, 80



145, 0, 73



18, 0, 9

Previews

White Background



This preview shows how the RYB color 161, 157, 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 161, 157, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

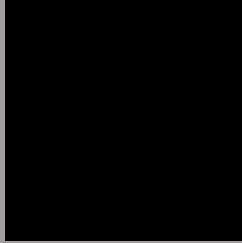
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

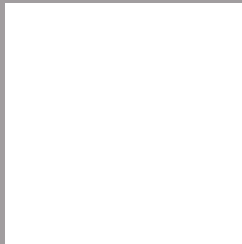
Any Text WCAG AAA ✓ Pass

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

RYB 161, 157, 159 Background



This preview shows how black text looks on a background with the RYB color 161, 157, 159.



This preview shows how white text looks on a background with the RYB color 161, 157, 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

161, 157, 159

Protanopia

160, 157, 159

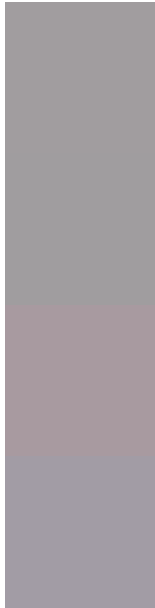
Deuteranopia

172, 153, 160



Tritanopia
162, 156, 168

Trichromacy



Original Color

161, 157, 159

Protanomaly

160, 157, 159

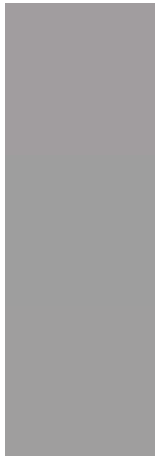
Deuteranomaly

168, 154, 160

Tritanomaly

162, 156, 165

Monochromacy



Original Color

161, 157, 159

Achromatopsia

158, 158, 158

Achromatomaly

159, 158, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 157, 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(161, 157, 159) looks like.

```
.text, #text, p{  
    color:rgb(161, 157, 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(161, 157, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 157, 159) }
```

Border

The CSS property to change the border of an element to RYB 161, 157, 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(161, 157, 159) }
```

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

```
.border{ border-color:rgb(161, 157, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 157, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 157, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 157, 159);  
box-shadow:4px 4px 4px 4px rgb(161, 157,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 161, 157, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 157, 159) }
```

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

```
.background{ background-color: rgb(161,  
157, 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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