

Converting Colors

`RYB(174, 161, 159)`

Have a look what the booklet for
RYB(174, 161, 159) contains.

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Color

R_YB(174, 161, 159)

Conversions

Conversions Part 1

Format	Color
Hex	AEA19F
RGB	174, 161, 159
RGB Percent	68%, 63%, 62%
CMY	0.3176, 0.3696, 0.3765
CMYK	0.00, 0.08, 0.09, 0.32
HSL	7°, 8%, 65%
HSV	7°, 9%, 68%
XYZ	36.4174, 36.9094, 38.0057
YIQ	164.6590, 8.3900, 2.1340

Conversions

Conversions Part 2

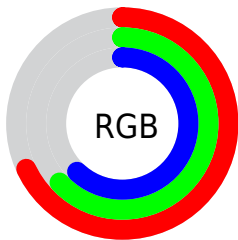
Format	Color
RYB	174, 161, 159
Decimal	11444639
CIELab	67.21, 4.50, 2.65
CIELCh	67, 5.217, 30.470
Yxy	36.9094, 0.3271, 0.3315
Android (android.graphics.Color)	4289634719 (0xFFAEA19F)
YUV	164.6590, -2.7899, 8.1921
Hunter-Lab	60.7531, 0.6805, 5.4368

Details

The RYB color **174, 161, 159** is a light color, and the websafe version is hex **999999**. A complement of this color would be **159, 166, 174**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **230, 216, 214**, and **122, 110, 108** is the 20% darker color. If you saturate the color by 10%, you get **174, 145, 142**, and if you desaturate by 10%, it is **174, 175, 176**.

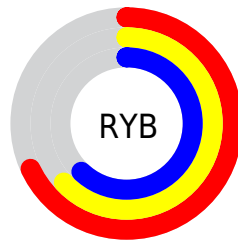
Distribution



Red (68%)

Green (63%)

Blue (62%)



Red (68%)

Yellow (63%)

Blue (62%)

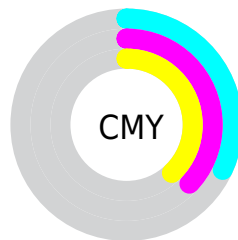


Cyan (0%)

Magenta (8%)

Yellow (9%)

Black (32%)



Cyan (32%)


Magenta (37%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 161, 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 174, 161, 159 by changing the saturation by 10% instead.

 174, 161, 159

255, 255, 255

 230, 216, 214

 255, 244, 242

 174, 161, 159

 147, 135, 133

 122, 109, 108


 97, 85, 83


 73, 62, 60


 50, 40, 39


 29, 20, 18


 0, 0, 0

 174, 161, 159


 174, 145, 142

 174, 161, 159


 174, 175, 176

 174, 131, 124

 174, 183, 194

 174, 116, 107

 174, 191, 211

 174, 100, 89

 174, 200, 229

 174, 86, 72

 174, 208, 246

 174, 71, 55

 174, 214, 255

 174, 55, 37

 174, 215, 255

 174, 40, 20

 174, 26, 2

Harmonies

Analogous

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



173, 161, 164



174, 161, 159



172, 166, 156

Triad

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



174, 161, 159



157, 164, 166



159, 163, 173

Complementary

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



174, 161, 159



159, 166, 174

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, 161, 172



174, 161, 159



153, 160, 166

Square

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



174, 161, 159



155, 165, 158



152, 159, 168



165, 162, 172

Rectangle

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



174, 161, 159



164, 169, 154



152, 159, 168



157, 162, 173

Sweetspot

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



174, 161, 159



227, 221, 220



174, 159, 172



115, 111, 110



242, 242, 242



115, 115, 115

Same Dimension

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



174, 161, 159



227, 207, 204



169, 174, 159



87, 79, 78



150, 20, 0



23, 3, 0

Inverse Universe

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



159, 166, 174



204, 215, 227



159, 163, 174



78, 82, 87



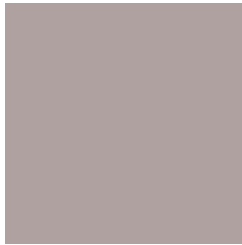
0, 70, 150



0, 11, 23

Previews

White Background



This preview shows how the RYB color 174, 161, 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 174, 161, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

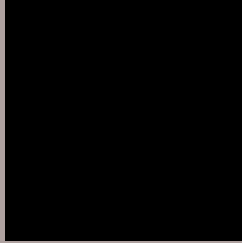
Any Text WCAG AA ✓ Pass

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 174, 161, 159 Background



This preview shows how black text looks on a background with the RYB color 174, 161, 159.



This preview shows how white text looks on a background with the RYB color 174, 161, 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
174, 161, 159

Protanopia
167, 165, 160

Deuteranopia
181, 158, 159



Tritanopia
176, 159, 171

Trichromacy



Original Color

174, 161, 159

Protanomaly

170, 163, 160

Deuteranomaly

178, 159, 159

Tritanomaly

175, 160, 167

Monochromacy



Original Color

174, 161, 159

Achromatopsia

165, 165, 165

Achromatomaly

168, 163, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 161, 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(174, 161, 159)` looks like.

```
.text, #text, p{  
    color:rgb(174, 161, 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(174, 161, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 161, 159) }
```

Border

The CSS property to change the border of an element to RYB 174, 161, 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(174, 161, 159) }
```

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

```
.border{ border-color:rgb(174, 161, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 161, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 161, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 161, 159);  
box-shadow:4px 4px 4px 4px rgb(174, 161,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 174, 161, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 161, 159) }
```

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

```
.background{ background-color: rgb(174,  
161, 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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