

Converting Colors

`RYB(157, 173, 169)`

Have a look what the booklet for
RYB(157, 173, 169) contains.

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Color

R_YB(157, 173, 169)

Conversions

Conversions Part 1

Format	Color
Hex	A1AD9D
RGB	161, 173, 157
RGB Percent	63%, 68%, 62%
CMY	0.3686, 0.3216, 0.3843
CMYK	0.07, 0.00, 0.09, 0.32
HSL	105°, 9%, 65%
HSV	105°, 9%, 68%
XYZ	35.7273, 39.8985, 37.7164
YIQ	167.5880, -2.0160, -7.5200

Conversions

Conversions Part 2

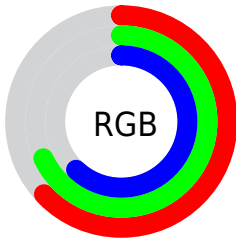
Format	Color
RYB	157, 173, 169
Decimal	10595741
CIELab	69.40, -7.24, 6.78
CIELCh	69, 9.919, 136.909
Yxy	39.8985, 0.3152, 0.3520
Android (android.graphics.Color)	4288785821 (0xFFA1AD9D)
YUV	167.5880, -5.2199, -5.7777
Hunter-Lab	63.1653, -9.5767, 8.8132

Details

The RYB color **157, 173, 169** is a light color, and the websafe version is hex **999999**. A complement of this color would be **169, 157, 173**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **212, 228, 224**, and **106, 121, 118** is the 20% darker color. If you saturate the color by 10%, you get **140, 173, 165**, and if you desaturate by 10%, it is **174, 173, 174**.

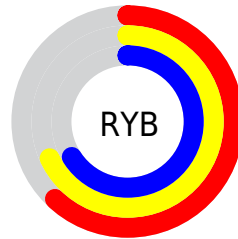
Distribution



Red (63%)

Green (68%)

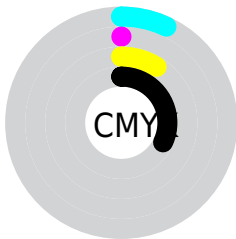
Blue (62%)



Red (62%)

Yellow (68%)

Blue (66%)

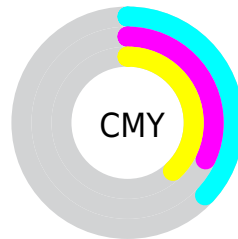


Cyan (7%)

Magenta (0%)

Yellow (9%)

Black (32%)



Cyan (37%)

Magenta (32%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 173, 169 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 157, 173, 169 by changing the saturation by 10% instead.


 157, 173, 169

255, 255, 255

 212, 228, 224

 240, 255, 251

 157, 173, 169


 131, 146, 142

 106, 121, 118

 82, 96, 93

 59, 72, 69


 37, 50, 47

 16, 29, 25


 0, 0, 0

 157, 173, 169


 140, 173, 165


 157, 173, 169


 174, 173, 174

 122, 173, 160


 187, 173, 192


 105, 173, 156


 200, 173, 209

 88, 173, 152


 213, 173, 226


 71, 173, 148


 226, 173, 244

 53, 173, 143

 239, 173, 255

 36, 173, 139

 252, 173, 255

 19, 173, 135

 255, 173, 255

 1, 173, 130

Harmonies

Analogous

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



153, 171, 152



157, 173, 169



152, 167, 175

Triad

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



157, 173, 169



156, 166, 187



189, 164, 165

Complementary

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



157, 173, 169



169, 157, 173

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.



186, 164, 174



157, 173, 169



166, 168, 187

Square

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



157, 173, 169



149, 163, 182



177, 166, 182



187, 168, 157

Rectangle

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



157, 173, 169



148, 163, 175



177, 166, 182



188, 163, 168

Sweetspot

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



157, 173, 169



218, 224, 223



162, 173, 157



108, 112, 111



240, 240, 240



112, 112, 112

Same Dimension

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



157, 173, 169



200, 224, 218



157, 170, 173



78, 87, 85



0, 150, 112



0, 23, 17

Inverse Universe

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



169, 157, 173



218, 200, 224



173, 157, 169



85, 78, 87



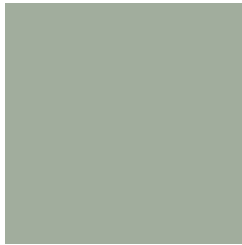
113, 0, 150



17, 0, 23

Previews

White Background



This preview shows how the RYB color 157, 173, 169 looks on a white background.

Color Contrast Check

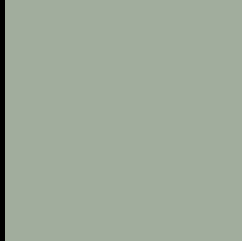
Large Text (above 18pt) WCAG AA × Fail

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 157, 173, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

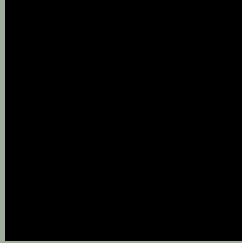
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

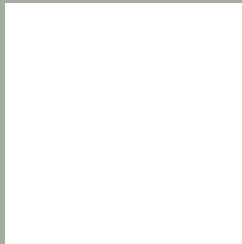
Any Text WCAG AAA ✓ Pass

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

R Y B 157, 173, 169 Background



This preview shows how black text looks on a background with the RYB color 157, 173, 169.



This preview shows how white text looks on a background with the RYB color 157, 173, 169.

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
157, 173, 169

Protanopia
166, 176, 155

Deuteranopia
189, 164, 159



Tritanopia
165, 168, 183

Trichromacy



Original Color
157, 173, 169

Protanomaly
157, 171, 156

Deuteranomaly
179, 174, 158

Tritanomaly
164, 168, 174

Monochromacy



Original Color
157, 173, 169

Achromatopsia
168, 168, 168

Achromatomaly
164, 170, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 173, 169 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, 173, 157)` looks like.

```
.text, #text, p{  
    color:rgb(161, 173, 157)  
}
```

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, 173, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 173, 157) }
```

Border

The CSS property to change the border of an element to RYB 157, 173, 169 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, 173, 157) }
```

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

```
.border{ border-color:rgb(161, 173, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 173, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 173, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 173, 157);  
box-shadow:4px 4px 4px 4px rgb(161, 173,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 157, 173, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 173, 157) }
```

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

```
.background{ background-color: rgb(161,  
173, 157) }
```

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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