

Converting Colors

`RYB(157, 169, 171)`

Have a look what the booklet for
RYB(157, 169, 171) contains.

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Color

R_YB(157, 169, 171)

Conversions

Conversions Part 1

Format	Color
Hex	9DAB9F
RGB	157, 171, 159
RGB Percent	62%, 67%, 62%
CMY	0.3843, 0.3294, 0.3752
CMYK	0.08, 0.00, 0.07, 0.33
HSL	130°, 8%, 64%
HSV	130°, 8%, 67%
XYZ	34.7545, 38.8087, 38.6118
YIQ	165.4460, -4.4920, -6.7000

Conversions

Conversions Part 2

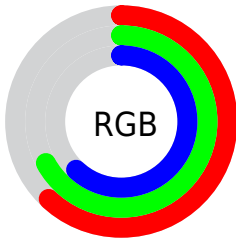
Format	Color
R _Y B	157, 169, 171
Decimal	10333087
CIE Lab	68.61, -7.17, 4.32
CIE LCh	69, 8.368, 148.915
Yxy	38.8087, 0.3098, 0.3460
Android (android.graphics.Color)	4288523167 (0xFF9DAB9F)
YUV	165.4460, -3.1779, -7.4071
Hunter-Lab	62.2966, -9.4362, 6.8594

Details

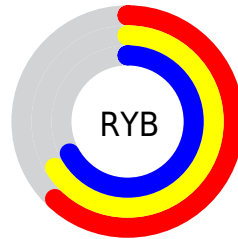
The RYB color **157, 169, 171** is a light color, and the websafe version is hex **999999**. A complement of this color would be **171, 157, 169**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **212, 224, 226**, and **106, 117, 119** is the 20% darker color. If you saturate the color by 10%, you get **140, 167, 171**, and if you desaturate by 10%, it is **174, 171, 174**.

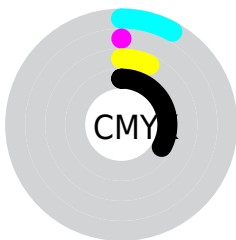
Distribution



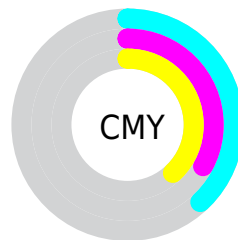
- Red (62%)
- Green (67%)
- Blue (62%)



- Red (62%)
- Yellow (66%)
- Blue (67%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (33%)



- Cyan (38%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 169, 171 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, 169, 171 by changing the saturation by 10% instead.


 157, 169, 171

255, 255, 255

 212, 224, 226

 240, 253, 255

 157, 169, 171

 131, 142, 144

 106, 117, 119

 82, 92, 94


 58, 68, 70

 37, 46, 48


 16, 25, 27

 0, 0, 0


 157, 169, 171


 140, 167, 171

 157, 169, 171


 174, 171, 174

 123, 164, 171


 191, 171, 188


 106, 162, 171


 208, 171, 202

 89, 160, 171


 225, 171, 216

 72, 157, 171


 242, 171, 231

 54, 154, 171

 255, 171, 245

 37, 151, 171

 255, 171, 255

 20, 150, 171

 3, 147, 171

Harmonies

Analogous

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



154, 169, 157



157, 169, 171



151, 163, 172

Triad

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



157, 169, 171



159, 165, 182



184, 163, 160

Complementary

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



157, 169, 171



171, 157, 169

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.



183, 162, 168



157, 169, 171



169, 166, 181

Square

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



157, 169, 171



152, 163, 180



177, 163, 175



181, 169, 155

Rectangle

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



157, 169, 171



149, 161, 172



177, 163, 175



184, 162, 163

Sweetspot

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



157, 169, 171



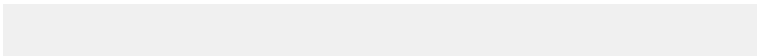
217, 221, 222



157, 171, 159



110, 112, 112



240, 240, 240



112, 112, 112

Same Dimension

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



157, 169, 171



200, 219, 222



157, 166, 171



78, 86, 87



0, 129, 150



0, 20, 23

Inverse Universe

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



171, 157, 169



222, 200, 218



171, 157, 162



87, 78, 85



150, 0, 125



23, 0, 19

Previews

White Background



This preview shows how the RYB color 157, 169, 171 looks on a white background.

Color Contrast Check

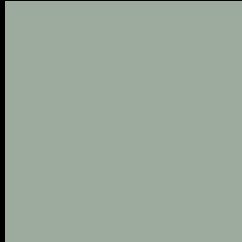
Large Text (above 18pt) WCAG AA × Fail

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, 169, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

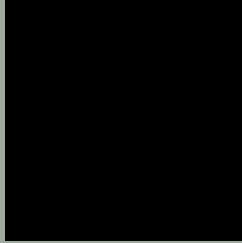
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

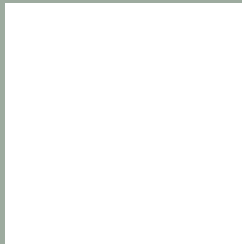
Any Text WCAG AAA ✓ Pass

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

RGB 157, 169, 171 Background



This preview shows how black text looks on a background with the RGB color 157, 169, 171.



This preview shows how white text looks on a background with the RGB color 157, 169, 171.

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](#).

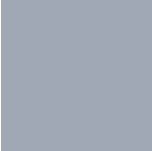
Dichromacy



Original Color
157, 169, 171

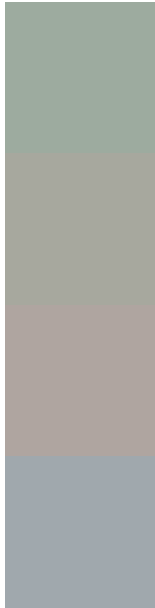
Protanopia
169, 173, 157

Deuteranopia
185, 162, 161



Tritanopia
161, 166, 181

Trichromacy



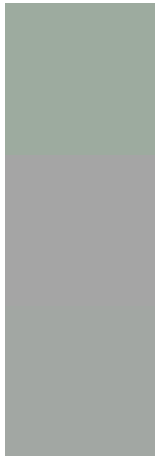
Original Color
157, 169, 171

Protanomaly
158, 168, 159

Deuteranomaly
175, 168, 160

Tritanomaly
160, 165, 173

Monochromacy



Original Color
157, 169, 171

Achromatopsia
165, 165, 165

Achromatomaly
162, 166, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 169, 171 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(157, 171, 159)` looks like.

```
.text, #text, p{  
    color:rgb(157, 171, 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(157, 171, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 171, 159) }
```

Border

The CSS property to change the border of an element to RYB 157, 169, 171 is called "border". The border property can be set on classes, ids or directly on the HTML element.

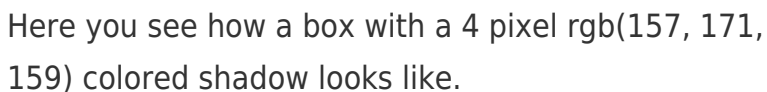
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 171, 159) }
```

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

```
.border{ border-color:rgb(157, 171, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 171, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 171, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 171, 159); box-shadow:4px 4px 4px 4px rgb(157, 171, 159) }
```

Background

The CSS property to change the background color of an element to RYB 157, 169, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 171, 159) }
```

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

```
.background{ background-color: rgb(157,  
171, 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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