

Converting Colors

`RYB(157, 169, 173)`

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

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Color

R_YB(157, 169, 173)

Conversions

Conversions Part 1

Format	Color
Hex	9DADA2
RGB	157, 173, 162
RGB Percent	62%, 68%, 64%
CMY	0.3843, 0.3216, 0.3634
CMYK	0.09, 0.00, 0.06, 0.32
HSL	140°, 9%, 65%
HSV	140°, 9%, 68%
XYZ	35.3995, 39.6757, 40.1304
YIQ	166.9620, -6.0050, -6.8130

Conversions

Conversions Part 2

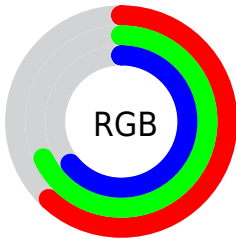
Format	Color
RYB	157, 169, 173
Decimal	10333602
CIELab	69.24, -7.66, 3.57
CIELCh	69, 8.454, 155.044
Yxy	39.6757, 0.3073, 0.3444
Android (android.graphics.Color)	4288523682 (0xFF9DADA2)
YUV	166.9620, -2.4463, -8.7367
Hunter-Lab	62.9887, -9.9137, 6.3181

Details

The RYB color **157, 169, 173** is a light color, and the websafe version is hex **999999**. A complement of this color would be **173, 157, 168**, and the grayscale version is **167, 167, 167**.

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

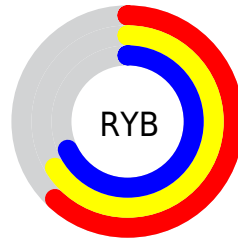
Distribution



Red (62%)

Green (68%)

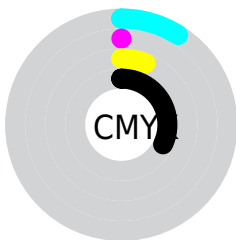
Blue (64%)



Red (62%)

Yellow (66%)

Blue (68%)

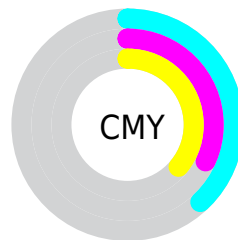


Cyan (9%)

Magenta (0%)

Yellow (6%)

Black (32%)



Cyan (38%)


Magenta (32%)

Yellow (36%)

Brightness & Saturation Gradients

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

 157, 169, 173

255, 255, 255


 212, 224, 228

 240, 251, 255

 157, 169, 173

 131, 142, 146

 106, 117, 121

 81, 92, 96

 58, 68, 72

 37, 47, 50

 16, 25, 29

 0, 0, 0

 157, 169, 173

 140, 165, 173

 157, 169, 173


 174, 173, 174

 122, 160, 173


 192, 173, 185

 105, 156, 173


 209, 173, 197

 88, 152, 173


 226, 173, 208

 71, 148, 173


 244, 173, 220

 53, 143, 173

 255, 173, 232

 36, 139, 173

 255, 173, 243

 19, 135, 173

 255, 173, 255

 1, 130, 173

Harmonies

Analogous

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



156, 171, 162



157, 169, 173



151, 164, 174

Triad

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



157, 169, 173



163, 168, 184



185, 166, 161

Complementary

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



157, 169, 173



173, 157, 168

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.



185, 164, 168



157, 169, 173



172, 167, 182

Square

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



157, 169, 173



155, 166, 183



180, 165, 176



181, 174, 155

Rectangle

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



157, 169, 173



150, 162, 175



180, 165, 176



186, 164, 163

Sweetspot

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



157, 169, 173



218, 223, 224



157, 173, 162



108, 111, 112



240, 240, 240



112, 112, 112

Same Dimension

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



157, 169, 173



200, 218, 224



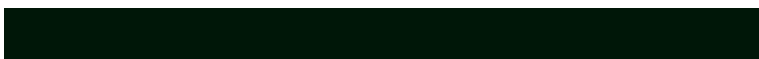
157, 166, 173



78, 85, 87



0, 113, 150



0, 17, 23

Inverse Universe

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



173, 157, 168



224, 200, 216



173, 157, 160



87, 78, 84



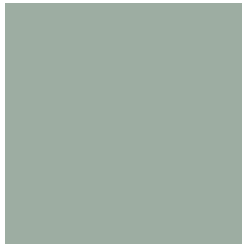
150, 0, 100



23, 0, 15

Previews

White Background



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

Color Contrast Check

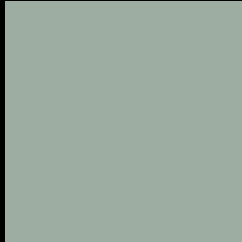
Large Text (above 18pt) WCAG AA × Fail

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, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

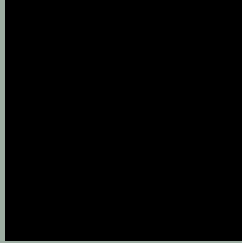
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

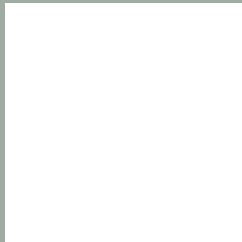
Any Text WCAG AAA ✓ Pass

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

RYB 157, 169, 173 Background



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



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

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](#).

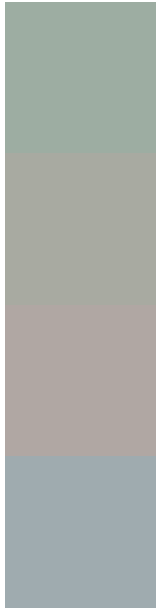
Dichromacy





Tritanopia
160, 167, 183

Trichromacy



Original Color
157, 169, 173

Protanomaly
161, 170, 163

Deuteranomaly
176, 169, 163

Tritanomaly
159, 166, 175

Monochromacy



Original Color
157, 169, 173

Achromatopsia
167, 167, 167

Achromatomaly
163, 168, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 169, 173 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, 173, 162)` looks like.

```
.text, #text, p{  
    color:rgb(157, 173, 162)  
}
```

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, 173, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 173, 162) }
```

Border

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

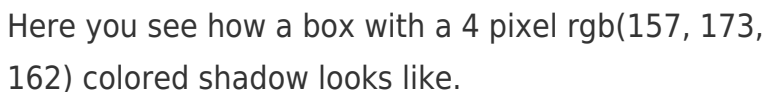
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 173, 162) }
```

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

```
.border{ border-color:rgb(157, 173, 162) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 173, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 173, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 173, 162);  
box-shadow:4px 4px 4px 4px rgb(157, 173,  
162) }
```

Background

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

```
.background, #background, body{  
background: rgb(157, 173, 162) }
```

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

```
.background{ background-color: rgb(157,  
173, 162) }
```

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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