

Converting Colors

`RYB(157, 169, 175)`

Have a look what the booklet for
RYB(157, 169, 175) contains.

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Color

R_YB(157, 169, 175)

Conversions

Conversions Part 1

Format	Color
Hex	9DAFA6
RGB	157, 175, 166
RGB Percent	62%, 69%, 65%
CMY	0.3843, 0.3137, 0.3490
CMYK	0.10, 0.00, 0.05, 0.31
HSL	150°, 10%, 65%
HSV	150°, 10%, 69%
XYZ	36.1175, 40.5812, 42.0058
YIQ	168.5920, -7.8390, -6.6150

Conversions

Conversions Part 2

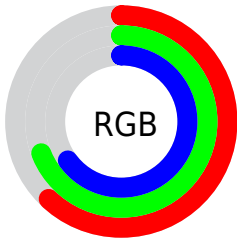
Format	Color
RYB	157, 169, 175
Decimal	10334118
CIELab	69.88, -8.02, 2.48
CIELCh	70, 8.396, 162.843
Yxy	40.5812, 0.3043, 0.3419
Android (android.graphics.Color)	4288524198 (0xFF9DAFA6)
YUV	168.5920, -1.2779, -10.1662
Hunter-Lab	63.7034, -10.2778, 5.4968

Details

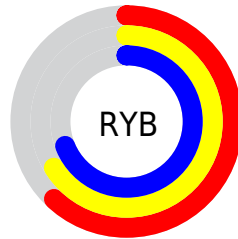
The RYB color **157, 169, 175** is a light color, and the websafe version is hex **999999**. A complement of this color would be **175, 157, 166**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **212, 225, 231**, and **106, 118, 123** is the 20% darker color. If you saturate the color by 10%, you get **140, 164, 175**, and if you desaturate by 10%, it is **175, 175, 175**.

Distribution



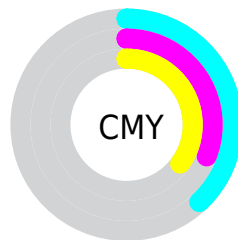
- Red (62%)
- Green (69%)
- Blue (65%)



- Red (62%)
- Yellow (66%)
- Blue (69%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (31%)



- Cyan (38%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 169, 175 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, 175 by changing the saturation by 10% instead.


 157, 169, 175

255, 255, 255


 212, 225, 231

 240, 249, 255

 157, 169, 175

 131, 142, 148

 106, 118, 123


 81, 92, 98

 58, 69, 74


 36, 46, 51

 16, 25, 30


 0, 0, 0


 157, 169, 175

 140, 164, 175


 157, 169, 175


 175, 175, 175

 122, 158, 175


 192, 175, 184

 105, 152, 175


 210, 175, 192

 87, 146, 175


 227, 175, 201

 70, 140, 175


 245, 175, 210

 52, 134, 175

 255, 175, 219

 35, 128, 175

 255, 175, 227

 17, 122, 175

 255, 175, 236

 0, 116, 175

 255, 175, 245

Harmonies

Analogous

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



159, 174, 168



157, 169, 175



153, 164, 175

Triad

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



157, 169, 175



167, 170, 185



186, 169, 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, 175



175, 157, 166

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.



187, 166, 168



157, 169, 175



176, 168, 182

Square

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



157, 169, 175



158, 168, 185



184, 166, 175



182, 182, 156

Rectangle

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



157, 169, 175



152, 164, 179



184, 166, 175



187, 166, 163

Sweetspot

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



157, 169, 175



220, 224, 227



157, 175, 166



110, 114, 115



242, 242, 242



115, 115, 115

Same Dimension

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



157, 169, 175



200, 218, 227



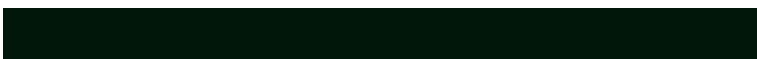
157, 166, 175



78, 84, 87



0, 100, 150



0, 16, 23

Inverse Universe

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



175, 157, 166



227, 200, 213



175, 157, 157



87, 78, 82



150, 0, 75



23, 0, 11

Previews

White Background



This preview shows how the RYB color 157, 169, 175 looks on a white background.

Color Contrast Check

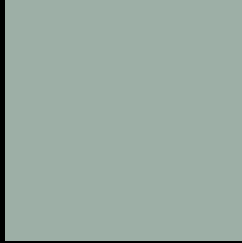
Large Text (above 18pt) WCAG AA × Fail

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, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

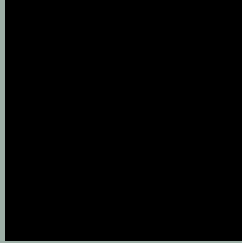
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

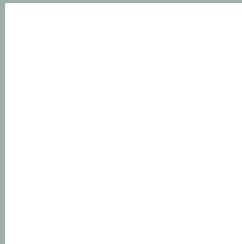
Any Text WCAG AAA ✓ Pass

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

RYB 157, 169, 175 Background



This preview shows how black text looks on a background with the RYB color 157, 169, 175.



This preview shows how white text looks on a background with the RYB color 157, 169, 175.

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, 175

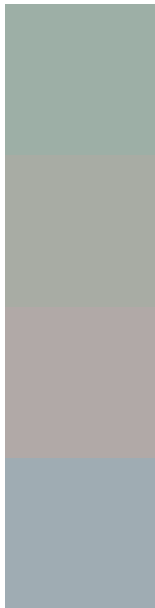
Protanopia
172, 175, 163

Deuteranopia
188, 165, 168



Tritanopia
160, 168, 186

Trichromacy



Original Color
157, 169, 175

Protanomaly
164, 172, 168

Deuteranomaly
177, 170, 167

Tritanomaly
159, 167, 179

Monochromacy



Original Color
157, 169, 175

Achromatopsia
169, 169, 169

Achromatomaly
165, 169, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 169, 175 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, 175, 166)` looks like.

```
.text, #text, p{  
    color:rgb(157, 175, 166)  
}
```

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, 175, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 175, 166) }
```

Border

The CSS property to change the border of an element to RYB 157, 169, 175 is called "border". The border property can be set on classes, ids or directly on the HTML element.

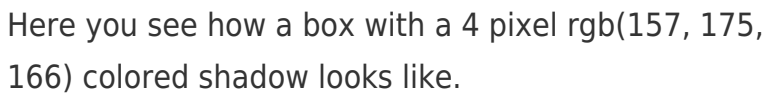
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 175, 166) }
```

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

```
.border{ border-color:rgb(157, 175, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 175, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 175, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 175, 166); box-shadow:4px 4px 4px 4px rgb(157, 175, 166) }
```

Background

The CSS property to change the background color of an element to RYB 157, 169, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 175, 166) }
```

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

```
.background{ background-color: rgb(157,  
175, 166) }
```

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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