

Converting Colors

`RYB(157, 171, 161)`

Have a look what the booklet for
RYB(157, 171, 161) contains.

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Color

R_YB(157, 171, 161)

Conversions

Conversions Part 1

Format	Color
Hex	A7AB9D
RGB	167, 171, 157
RGB Percent	65%, 67%, 62%
CMY	0.3451, 0.3294, 0.3843
CMYK	0.02, 0.00, 0.08, 0.33
HSL	77°, 8%, 64%
HSV	77°, 8%, 67%
XYZ	36.5851, 39.7756, 37.6475
YIQ	168.2080, 2.1100, -5.2020

Conversions

Conversions Part 2

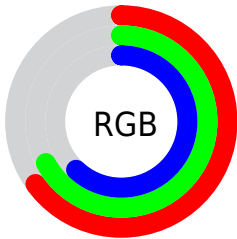
Format	Color
RYB	157, 171, 161
Decimal	10988445
CIELab	69.31, -4.00, 6.71
CIELCh	69, 7.812, 120.800
Yxy	39.7756, 0.3209, 0.3489
Android (android.graphics.Color)	4289178525 (0xFFA7AB9D)
YUV	168.2080, -5.5255, -1.0594
Hunter-Lab	63.0679, -6.8228, 8.7552

Details

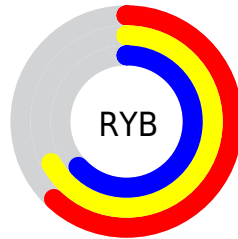
The RYB color **157, 171, 161** is a light color, and the websafe version is hex **999999**. A complement of this color would be **161, 157, 171**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **212, 226, 216**, and **106, 119, 110** is the 20% darker color. If you saturate the color by 10%, you get **140, 171, 149**, and if you desaturate by 10%, it is **172, 171, 174**.

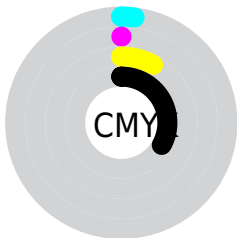
Distribution



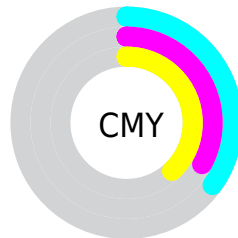
- Red (65%)
- Green (67%)
- Blue (62%)



- Red (62%)
- Yellow (67%)
- Blue (63%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (33%)



- Cyan (35%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 171, 161 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, 171, 161 by changing the saturation by 10% instead.


 157, 171, 161

255, 255, 255

 212, 226, 216

 240, 255, 244

 157, 171, 161

 131, 145, 135

 106, 119, 110

 82, 94, 85


 59, 71, 63


 37, 48, 40


 16, 27, 19

 0, 0, 0

 157, 171, 161


 140, 171, 149


 157, 171, 161


 172, 171, 174

 123, 171, 137


 177, 171, 191


 106, 171, 125

 182, 171, 208

 89, 171, 113

 187, 171, 225


 72, 171, 100


 191, 171, 242


 54, 171, 87


 196, 171, 255


 37, 171, 75

 201, 171, 255

 20, 171, 63

 206, 171, 255

 3, 171, 51

 211, 171, 255

Harmonies

Analogous

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



164, 175, 155



157, 171, 161



159, 171, 173

Triad

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



157, 171, 161



155, 165, 181



184, 165, 169

Complementary

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



157, 171, 161



161, 157, 171

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.



179, 165, 176



157, 171, 161



162, 168, 183

Square

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



157, 171, 161



152, 163, 176



171, 167, 181



185, 165, 162

Rectangle

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



157, 171, 161



155, 166, 173



171, 167, 181



183, 165, 172

Sweetspot

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



157, 171, 161



217, 222, 218



171, 163, 157



110, 112, 110



240, 240, 240



112, 112, 112

Same Dimension

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



157, 171, 161



200, 222, 206



157, 171, 168



78, 87, 81



0, 150, 43



0, 23, 7

Inverse Universe

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



161, 157, 171



206, 200, 222



168, 157, 171



81, 78, 87



43, 0, 150



7, 0, 23

Previews

White Background



This preview shows how the RYB color 157, 171, 161 looks on a white background.

Color Contrast Check

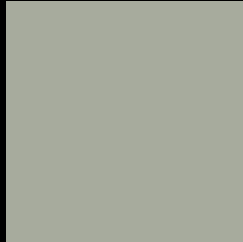
Large Text (above 18pt) WCAG AA × Fail

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, 171, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

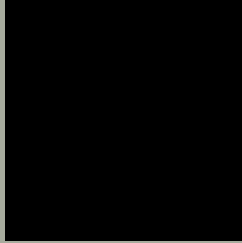
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

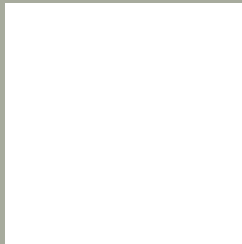
Any Text WCAG AAA ✓ Pass

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

R Y B 157, 171, 161 Background



This preview shows how black text looks on a background with the RYB color 157, 171, 161.



This preview shows how white text looks on a background with the RYB color 157, 171, 161.

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, 171, 161

Protanopia
167, 175, 156

Deuteranopia
189, 164, 159



Tritanopia
171, 168, 181

Trichromacy



Original Color

157, 171, 161

Protanomaly

160, 172, 156

Deuteranomaly

181, 170, 158

Tritanomaly

170, 169, 172

Monochromacy



Original Color

157, 171, 161

Achromatopsia

168, 168, 168

Achromatomaly

164, 169, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 157, 171, 161 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(167, 171, 157) looks like.

```
.text, #text, p{  
    color:rgb(167, 171, 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(167, 171, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 171, 157) }
```

Border

The CSS property to change the border of an element to RYB 157, 171, 161 is called "border". The border property can be set on classes, ids or directly on the HTML element.

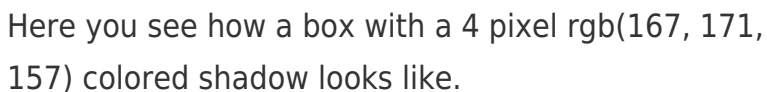
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 171, 157) }
```

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

```
.border{ border-color:rgb(167, 171, 157) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 171, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 171, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 171, 157); box-shadow:4px 4px 4px 4px rgb(167, 171, 157) }
```

Background

The CSS property to change the background color of an element to RYB 157, 171, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 171, 157) }
```

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

```
.background{ background-color: rgb(167,  
171, 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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