

Converting Colors

`RYB(157, 173, 165)`

Have a look what the booklet for
RYB(157, 173, 165) contains.

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Color

R_YB(157, 173, 165)

Conversions

Conversions Part 1

Format	Color
Hex	A5AD9D
RGB	165, 173, 157
RGB Percent	65%, 68%, 62%
CMY	0.3529, 0.3216, 0.3843
CMYK	0.05, 0.00, 0.09, 0.32
HSL	90°, 9%, 65%
HSV	90°, 9%, 68%
XYZ	36.5464, 40.3208, 37.7548
YIQ	168.7840, 0.3680, -6.6720

Conversions

Conversions Part 2

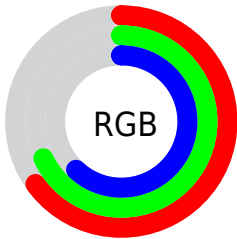
Format	Color
RYB	157, 173, 165
Decimal	10857885
CIELab	69.70, -5.80, 7.25
CIELCh	70, 9.282, 128.678
Yxy	40.3208, 0.3188, 0.3518
Android (android.graphics.Color)	4289047965 (0xFFA5AD9D)
YUV	168.7840, -5.8095, -3.3186
Hunter-Lab	63.4987, -8.3876, 9.1966

Details

The RYB color **157, 173, 165** is a light color, and the websafe version is hex **999999**. A complement of this color would be **165, 157, 173**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **212, 228, 220**, and **106, 121, 114** is the 20% darker color. If you saturate the color by 10%, you get **140, 173, 157**, and if you desaturate by 10%, it is **174, 173, 174**.

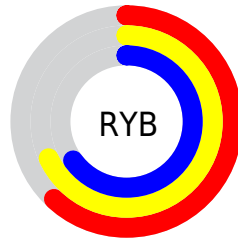
Distribution



Red (65%)

Green (68%)

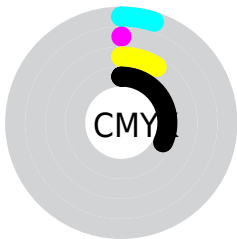
Blue (62%)



Red (62%)

Yellow (68%)

Blue (65%)

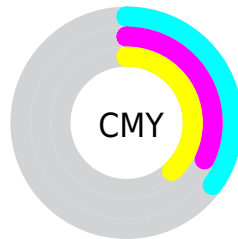


Cyan (5%)

Magenta (0%)

Yellow (9%)

Black (32%)



Cyan (35%)

Magenta (32%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 173, 165 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, 165 by changing the saturation by 10% instead.


 157, 173, 165

255, 255, 255

 212, 228, 220

 240, 255, 246

 157, 173, 165

 131, 146, 138

 106, 121, 114


 82, 96, 89

 59, 72, 66


 37, 50, 44


 16, 29, 22

 0, 0, 0

 157, 173, 165

 140, 173, 157


 157, 173, 165


 174, 173, 174


 122, 173, 147


 182, 173, 192

 105, 173, 139


 191, 173, 209

 88, 173, 131


 200, 173, 226

 71, 173, 122

 208, 173, 244

 53, 173, 113


 217, 173, 255

 36, 173, 105

 226, 173, 255

 19, 173, 96

 234, 173, 255

 1, 173, 87

 243, 173, 255

Harmonies

Analogous

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



161, 175, 154



157, 173, 165



156, 169, 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, 165



155, 166, 186



188, 165, 168

Complementary

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



157, 173, 165



165, 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.



184, 165, 177



157, 173, 165



165, 169, 187

Square

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



157, 173, 165



150, 164, 180



175, 167, 183



188, 168, 160

Rectangle

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



157, 173, 165



152, 165, 175



175, 167, 183



187, 165, 171

Sweetspot

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



157, 173, 165



218, 224, 221



173, 173, 157



108, 112, 110



240, 240, 240



112, 112, 112

Same Dimension

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



157, 173, 165



200, 224, 212



157, 173, 173



78, 87, 83



0, 150, 75



0, 23, 12

Inverse Universe

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



165, 157, 173



212, 200, 224



173, 157, 173



82, 78, 87



75, 0, 150



11, 0, 23

Previews

White Background



This preview shows how the RYB color 157, 173, 165 looks on a white background.

Color Contrast Check

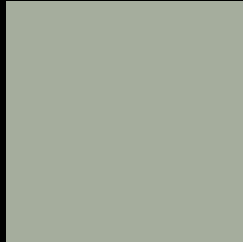
Large Text (above 18pt) WCAG AA × Fail

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, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

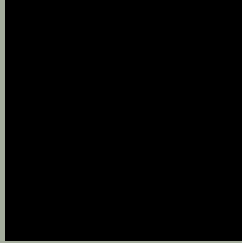
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

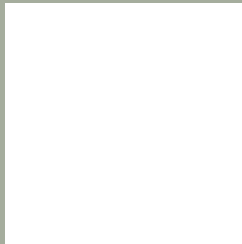
Any Text WCAG AAA ✓ Pass

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

RYB 157, 173, 165 Background



This preview shows how black text looks on a background with the RYB color 157, 173, 165.



This preview shows how white text looks on a background with the RYB color 157, 173, 165.

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, 165

Protanopia
165, 177, 155

Deuteranopia
191, 165, 159



Tritanopia
169, 169, 183

Trichromacy



Original Color

157, 173, 165

Protanomaly

158, 173, 156

Deuteranomaly

182, 172, 158

Tritanomaly

168, 170, 174

Monochromacy



Original Color

157, 173, 165

Achromatopsia

169, 169, 169

Achromatomaly

165, 170, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 173, 165 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(165, 173, 157)` looks like.

```
.text, #text, p{  
    color:rgb(165, 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(165, 173, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 173, 157) }
```

Border

The CSS property to change the border of an element to RYB 157, 173, 165 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(165, 173, 157) }
```

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

```
.border{ border-color:rgb(165, 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(165, 173, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 173, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 173, 157);  
box-shadow:4px 4px 4px 4px rgb(165, 173,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 157, 173, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 173, 157) }
```

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

```
.background{ background-color: rgb(165,  
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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