

Converting Colors

`RYB(157, 189, 176)`

Have a look what the booklet for
RYB(157, 189, 176) contains.

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Color

R_YB(157, 189, 176)

Conversions

Conversions Part 1

Format	Color
Hex	AABD9D
RGB	170, 189, 157
RGB Percent	67%, 74%, 62%
CMY	0.3333, 0.2588, 0.3843
CMYK	0.10, 0.00, 0.17, 0.26
HSL	96°, 20%, 68%
HSV	96°, 17%, 74%
XYZ	40.8610, 47.3756, 38.8891
YIQ	179.6710, -1.0520, -13.9800

Conversions

Conversions Part 2

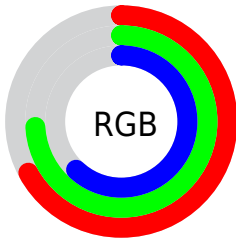
Format	Color
RYB	157, 189, 176
Decimal	11189661
CIELab	74.43, -12.42, 14.01
CIELCh	74, 18.722, 131.550
Yxy	47.3756, 0.3214, 0.3727
Android (android.graphics.Color)	4289379741 (0xFFAABD9D)
YUV	179.6710, -11.1768, -8.4815
Hunter-Lab	68.8299, -14.4856, 14.6819

Details

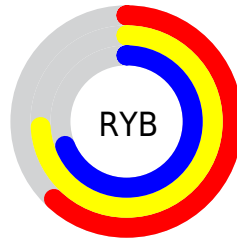
The RYB color **157, 189, 176** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **176, 157, 189**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **212, 245, 232**, and **106, 136, 124** is the 20% darker color. If you saturate the color by 10%, you get **138, 189, 168**, and if you desaturate by 10%, it is **176, 189, 184**.

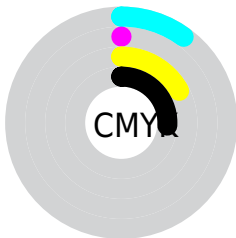
Distribution



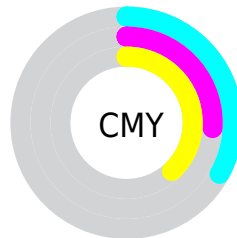
- Red (67%)
- Green (74%)
- Blue (62%)



- Red (62%)
- Yellow (74%)
- Blue (69%)



- Cyan (10%)
- Magenta (0%)
- Yellow (17%)
- Black (26%)



- Cyan (33%)
- Magenta (26%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 189, 176 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, 189, 176 by changing the saturation by 10% instead.


 157, 189, 176


255, 255, 255

 212, 245, 232

 240, 255, 241

 157, 189, 176

 131, 162, 150

 106, 136, 124

 81, 110, 98


 58, 86, 75


 36, 63, 53

 16, 41, 32

 0, 21, 21


 0, 0, 0


 157, 189, 176


 157, 189, 176

 138, 189, 168


 176, 189, 184

 119, 189, 160


 192, 189, 195

 100, 189, 153


 204, 189, 214

 81, 189, 145


 215, 189, 233

 62, 189, 137

 226, 189, 252

 44, 189, 130

 237, 189, 255

 25, 189, 123

 249, 189, 255

 6, 189, 115

 255, 189, 255

 0, 189, 112

Harmonies

Analogous

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



156, 190, 149



157, 189, 176



151, 178, 192

Triad

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



157, 189, 176



151, 174, 215



219, 171, 177

Complementary

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



157, 189, 176



176, 157, 189

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.



211, 172, 194



157, 189, 176



172, 180, 217

Square

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



157, 189, 176



138, 168, 205



194, 177, 209



217, 176, 161

Rectangle

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



157, 189, 176



142, 170, 193



194, 177, 209



217, 171, 183

Sweetspot

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



157, 189, 176



233, 245, 240



179, 189, 157



115, 122, 119



250, 250, 250



122, 122, 122

Same Dimension

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



157, 189, 176



196, 245, 225



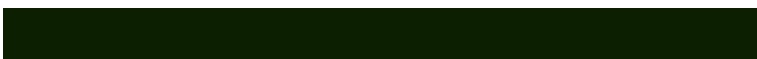
157, 186, 189



85, 94, 90



0, 158, 94



0, 31, 19

Inverse Universe

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



176, 157, 189



225, 196, 245



189, 157, 186



91, 85, 94



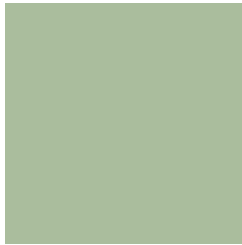
94, 0, 158



18, 0, 31

Previews

White Background



This preview shows how the RYB color 157, 189, 176 looks on a white background.

Color Contrast Check

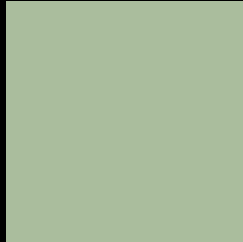
Large Text (above 18pt) WCAG AA × Fail

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, 189, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

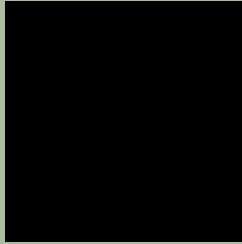
Any Text WCAG AA ✓ Pass

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, 189, 176 Background



This preview shows how black text looks on a background with the RYB color 157, 189, 176.

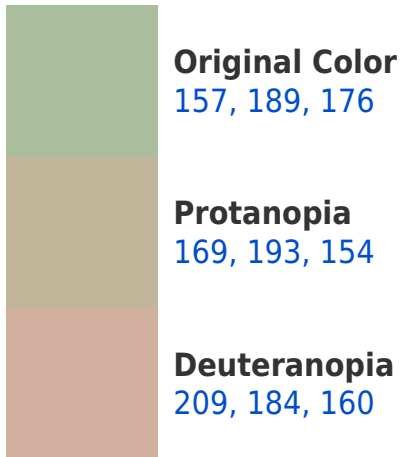


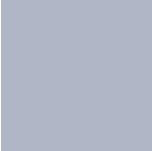
This preview shows how white text looks on a background with the RYB color 157, 189, 176.

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](#).

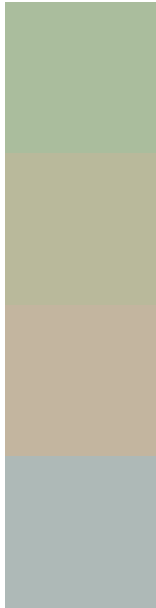
Dichromacy





Tritanopia
176, 181, 198

Trichromacy



Original Color
157, 189, 176

Protanomaly
155, 185, 155

Deuteranomaly
182, 195, 159

Tritanomaly
174, 180, 185

Monochromacy



Original Color
157, 189, 176

Achromatopsia
180, 180, 180

Achromatomaly
172, 183, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 189, 176 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(170, 189, 157)` looks like.

```
.text, #text, p{  
    color:rgb(170, 189, 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(170, 189, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 189, 157) }
```

Border

The CSS property to change the border of an element to RYB 157, 189, 176 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(170, 189, 157) }
```

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

```
.border{ border-color:rgb(170, 189, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 189, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 189, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 189, 157);  
box-shadow:4px 4px 4px 4px rgb(170, 189,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 157, 189, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 189, 157) }
```

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

```
.background{ background-color: rgb(170,  
189, 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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