

Converting Colors

`RYB(159, 190, 178)`

Have a look what the booklet for
RYB(159, 190, 178) contains.

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Color

R_YB(159, 190, 178)

Conversions

Conversions Part 1

Format	Color
Hex	ABBE9F
RGB	171, 190, 159
RGB Percent	67%, 75%, 62%
CMY	0.3294, 0.2549, 0.3765
CMYK	0.10, 0.00, 0.16, 0.25
HSL	97°, 19%, 68%
HSV	97°, 16%, 75%
XYZ	41.4661, 47.9880, 39.8780
YIQ	180.7850, -1.3730, -13.6690

Conversions

Conversions Part 2

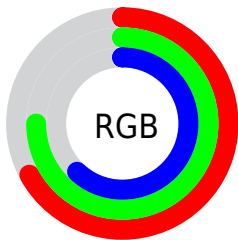
Format	Color
RYB	159, 190, 178
Decimal	11255455
CIELab	74.82, -12.24, 13.49
CIELCh	75, 18.212, 132.216
Yxy	47.9880, 0.3206, 0.3710
Android (android.graphics.Color)	4289445535 (0xFFABBE9F)
YUV	180.7850, -10.7400, -8.5814
Hunter-Lab	69.2734, -14.3809, 14.3604

Details

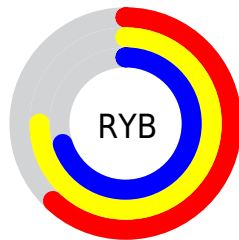
The RYB color **159, 190, 178** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **178, 159, 190**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **214, 246, 234**, and **108, 137, 126** is the 20% darker color. If you saturate the color by 10%, you get **140, 190, 171**, and if you desaturate by 10%, it is **178, 190, 185**.

Distribution



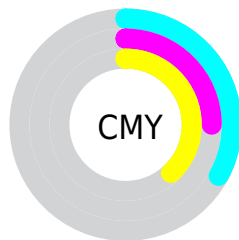
- Red (67%)
- Green (75%)
- Blue (62%)



- Red (62%)
- Yellow (75%)
- Blue (70%)



- Cyan (10%)
- Magenta (0%)
- Yellow (16%)
- Black (25%)



- Cyan (33%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 159, 190, 178 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 159, 190, 178 by changing the saturation by 10% instead.

 159, 190, 178

255, 255, 255


 214, 246, 234

 242, 255, 242

 159, 190, 178

 133, 163, 152

 108, 137, 126

 83, 111, 100

 60, 87, 77

 38, 63, 54

 18, 41, 33

 0, 22, 22


 0, 0, 0

 159, 190, 178


 159, 190, 178

 140, 190, 171


 178, 190, 185

 121, 190, 163


 194, 190, 197

 102, 190, 156


 206, 190, 216


 83, 190, 149


 218, 190, 235

 64, 190, 141

 229, 190, 254

 45, 190, 134

 241, 190, 255

 26, 190, 127

 253, 190, 255

 7, 190, 119

 255, 190, 255

 0, 190, 116

Harmonies

Analogous

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



157, 190, 151



159, 190, 178



153, 180, 193

Triad

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



159, 190, 178



154, 176, 216



219, 173, 178

Complementary

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



159, 190, 178



178, 159, 190

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.



212, 174, 195



159, 190, 178



174, 181, 217

Square

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



159, 190, 178



141, 170, 206



196, 178, 209



217, 179, 162

Rectangle

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



159, 190, 178



144, 171, 194



196, 178, 209



218, 172, 183

Sweetspot

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



159, 190, 178



235, 247, 242



179, 190, 159



117, 125, 122



252, 252, 252



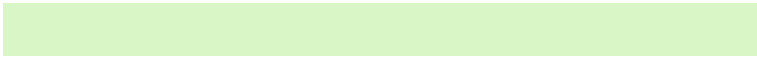
125, 125, 125

Same Dimension

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



159, 190, 178



198, 247, 228



159, 187, 190



85, 94, 90



0, 158, 97



0, 31, 19

Inverse Universe

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



178, 159, 190



228, 198, 247



190, 159, 187



91, 85, 94



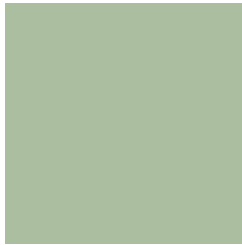
97, 0, 158



19, 0, 31

Previews

White Background



This preview shows how the RYB color 159, 190, 178 looks on a white background.

Color Contrast Check

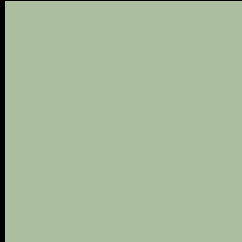
Large Text (above 18pt) WCAG AA × Fail

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 159, 190, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

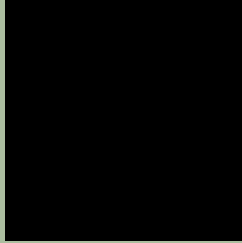
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

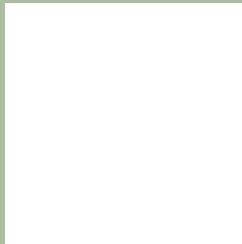
Any Text WCAG AAA ✓ Pass

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

RYB 159, 190, 178 Background



This preview shows how black text looks on a background with the RYB color 159, 190, 178.

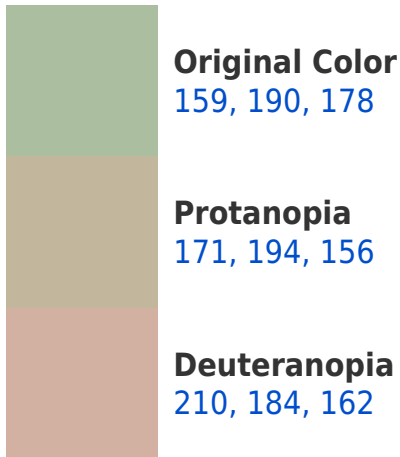


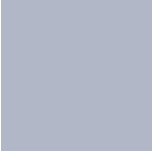
This preview shows how white text looks on a background with the RYB color 159, 190, 178.

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](#).

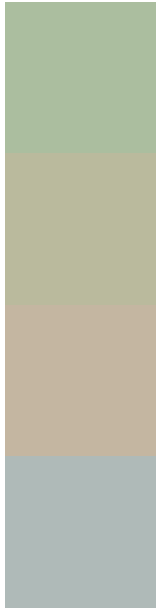
Dichromacy





Tritanopia
177, 182, 199

Trichromacy



Original Color
159, 190, 178

Protanomaly
157, 186, 157

Deuteranomaly
184, 196, 161

Tritanomaly
175, 181, 186

Monochromacy



Original Color
159, 190, 178

Achromatopsia
181, 181, 181

Achromatomaly
173, 184, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 159, 190, 178 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(171, 190, 159)` looks like.

```
.text, #text, p{  
    color:rgb(171, 190, 159)  
}
```

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(171, 190, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 190, 159) }
```

Border

The CSS property to change the border of an element to RYB 159, 190, 178 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(171, 190, 159) }
```

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

```
.border{ border-color:rgb(171, 190, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 190, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 190, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 190, 159);  
box-shadow:4px 4px 4px 4px rgb(171, 190,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 159, 190, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 190, 159) }
```

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

```
.background{ background-color: rgb(171,  
190, 159) }
```

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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