

Converting Colors

`RYB(159, 196, 190)`

Have a look what the booklet for
RYB(159, 196, 190) contains.

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Color

R_YB(159, 196, 190)

Conversions

Conversions Part 1

Format	Color
Hex	A5C49F
RGB	165, 196, 159
RGB Percent	65%, 77%, 62%
CMY	0.3529, 0.2314, 0.3765
CMYK	0.16, 0.00, 0.19, 0.23
HSL	110°, 24%, 70%
HSV	110°, 19%, 77%
XYZ	41.5150, 49.9824, 40.2604
YIQ	182.5130, -6.5990, -18.0790

Conversions

Conversions Part 2

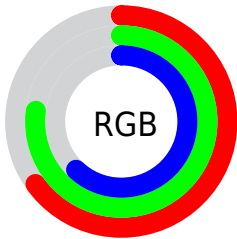
Format	Color
RYB	159, 196, 190
Decimal	10863775
CIELab	76.06, -17.44, 15.17
CIELCh	76, 23.114, 138.974
Yxy	49.9824, 0.3151, 0.3794
Android (android.graphics.Color)	4289053855 (0xFFA5C49F)
YUV	182.5130, -11.5919, -15.3589
Hunter-Lab	70.6982, -18.9042, 15.7250

Details

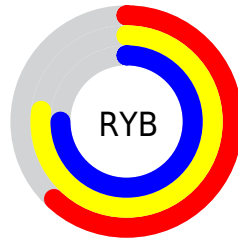
The RYB color **159, 196, 190** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **190, 159, 196**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **214, 253, 247**, and **107, 142, 136** is the 20% darker color. If you saturate the color by 10%, you get **139, 196, 186**, and if you desaturate by 10%, it is **179, 196, 194**.

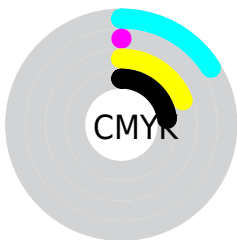
Distribution



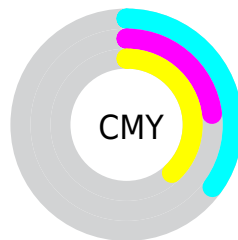
- Red (65%)
- Green (77%)
- Blue (62%)



- Red (62%)
- Yellow (77%)
- Blue (75%)



- Cyan (16%)
- Magenta (0%)
- Yellow (19%)
- Black (23%)



- Cyan (35%)
- Magenta (23%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 159, 196, 190 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, 196, 190 by changing the saturation by 10% instead.


 159, 196, 190

255, 255, 255


 214, 253, 247

 242, 255, 248

 159, 196, 190

 133, 169, 164

 107, 142, 136

 83, 117, 112

 60, 92, 88

 38, 68, 65

 17, 46, 44

 0, 26, 26


 0, 0, 0


 159, 196, 190


 159, 196, 190

 139, 196, 186


 179, 196, 194


 120, 196, 184


 198, 196, 198

 100, 196, 180


 214, 196, 218

 81, 196, 178


 231, 196, 237

 61, 196, 174

 247, 196, 255

 41, 196, 171

 255, 196, 255

 22, 196, 168

 2, 196, 164

 0, 196, 164

Harmonies

Analogous

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



147, 190, 148



159, 196, 190



143, 177, 199

Triad

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



159, 196, 190



152, 178, 229



232, 173, 175

Complementary

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



159, 196, 190



190, 159, 196

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.



225, 173, 196



159, 196, 190



181, 185, 228

Square

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



159, 196, 190



132, 169, 219



207, 178, 216



226, 186, 156

Rectangle

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



159, 196, 190



132, 168, 200



207, 178, 216



231, 172, 182

Sweetspot

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



159, 196, 190



240, 255, 253



166, 196, 159



119, 128, 127



0, 0, 0



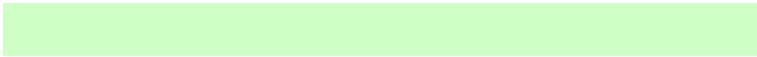
128, 128, 128

Same Dimension

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



159, 196, 190



196, 255, 245



159, 187, 196



87, 97, 95



0, 161, 135



0, 33, 28

Inverse Universe

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



190, 159, 196



245, 196, 255



196, 159, 184



95, 87, 97



135, 0, 161



28, 0, 33

Previews

White Background



This preview shows how the RYB color 159, 196, 190 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, 196, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

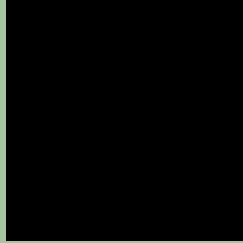
Any Text WCAG AA ✓ Pass

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, 196, 190 Background



This preview shows how black text looks on a background with the RYB color 159, 196, 190.

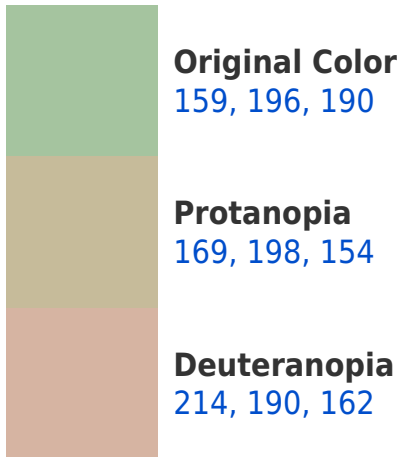


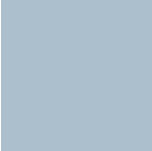
This preview shows how white text looks on a background with the RYB color 159, 196, 190.

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](#).

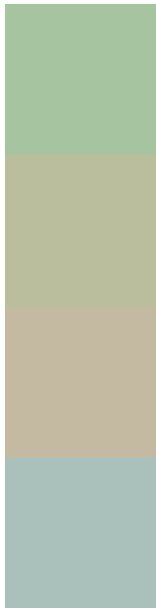
Dichromacy





Tritanopia
172, 184, 205

Trichromacy



Original Color

159, 196, 190

Protanomaly

156, 190, 160

Deuteranomaly

175, 196, 161

Tritanomaly

169, 182, 192

Monochromacy



Original Color

159, 196, 190

Achromatopsia

183, 183, 183

Achromatomaly

174, 188, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 159, 196, 190 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, 196, 159)` looks like.

```
.text, #text, p{  
    color:rgb(165, 196, 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(165, 196, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 196, 159) }
```

Border

The CSS property to change the border of an element to RYB 159, 196, 190 is called "border". The border property can be set on classes, ids or directly on the HTML element.

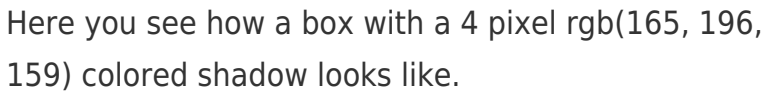
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 196, 159) }
```

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

```
.border{ border-color:rgb(165, 196, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 196, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 196, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 196, 159); box-shadow:4px 4px 4px 4px rgb(165, 196, 159) }
```

Background

The CSS property to change the background color of an element to RYB 159, 196, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 196, 159) }
```

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

```
.background{ background-color: rgb(165,  
196, 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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