

Converting Colors

`RYB(159, 185, 185)`

Have a look what the booklet for RYB(159, 185, 185) contains.

RYB(159, 185, 185)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(159, 185, 185)$

Conversions

Conversions Part 1

Format	Color
Hex	9FB99F
RGB	159, 185, 159
RGB Percent	62%, 73%, 62%
CMY	0.3765, 0.2745, 0.3765
CMYK	0.14, 0.00, 0.14, 0.27
HSL	120°, 16%, 67%
HSV	120°, 14%, 73%
XYZ	37.9050, 44.5721, 39.4063
YIQ	174.2620, -7.1500, -13.5980

Conversions

Conversions Part 2

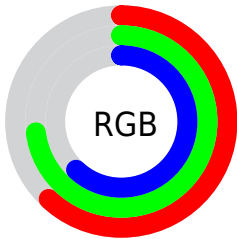
Format	Color
RYB	159, 185, 185
Decimal	10467743
CIELab	72.61, -13.90, 10.25
CIELCh	73, 17.270, 143.604
Yxy	44.5721, 0.3110, 0.3657
Android (android.graphics.Color)	4288657823 (0xFF9FB99F)
YUV	174.2620, -7.5242, -13.3848
Hunter-Lab	66.7623, -15.4887, 11.7378

Details

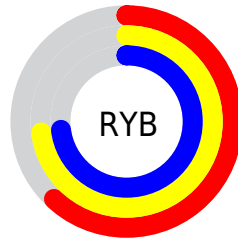
The RYB color **159, 185, 185** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **185, 159, 185**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **214, 241, 241**, and **107, 131, 132** is the 20% darker color. If you saturate the color by 10%, you get **141, 185, 185**, and if you desaturate by 10%, it is **178, 185, 185**.

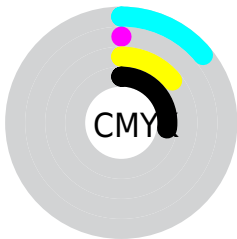
Distribution



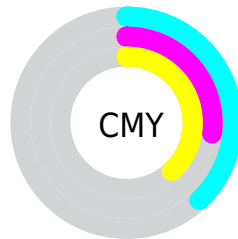
- Red (62%)
- Green (73%)
- Blue (62%)



- Red (62%)
- Yellow (73%)
- Blue (73%)



- Cyan (14%)
- Magenta (0%)
- Yellow (14%)
- Black (27%)



- Cyan (38%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the RYB color 159, 185, 185 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, 185, 185 by changing the saturation by 10% instead.

 159, 185, 185

 159, 185, 185


255, 255, 255

 133, 158, 158

 214, 241, 241

 107, 131, 132


 242, 255, 255

 83, 107, 107

 59, 81, 82


 37, 58, 59


 16, 35, 37

 0, 17, 17


 0, 0, 0

 159, 185, 185


 159, 185, 185


 141, 185, 185


 178, 185, 185

 122, 185, 185


 196, 185, 196

 104, 185, 185


 214, 185, 214

 85, 185, 185


 233, 185, 233


 67, 185, 185

 252, 185, 252

 48, 185, 185

 255, 185, 255

 30, 185, 185

 11, 185, 185

 0, 185, 185

Harmonies

Analogous

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



149, 181, 153



159, 185, 185



144, 169, 187

Triad

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



159, 185, 185



156, 173, 209



212, 168, 166

Complementary

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



159, 185, 185



185, 159, 185

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.



208, 167, 182



159, 185, 185



177, 175, 207

Square

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



159, 185, 185



141, 167, 203



196, 170, 197



206, 180, 153

Rectangle

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



159, 185, 185



138, 163, 187



196, 170, 197



211, 167, 171

Sweetspot

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



159, 185, 185



230, 240, 240



159, 185, 159



114, 120, 120



247, 247, 247



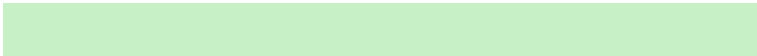
120, 120, 120

Same Dimension

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



159, 185, 185



199, 240, 240



159, 176, 185



83, 92, 92



0, 156, 156



0, 28, 28

Inverse Universe

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



185, 159, 185



240, 199, 240



185, 159, 172



92, 83, 92



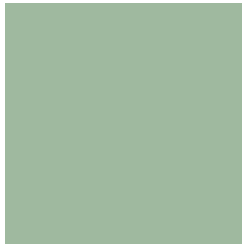
156, 0, 156



28, 0, 28

Previews

White Background



This preview shows how the RYB color 159, 185, 185 looks on a white background.

Color Contrast Check

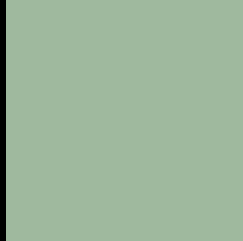
Large Text (above 18pt) WCAG AA × Fail

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, 185, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

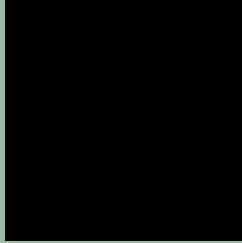
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

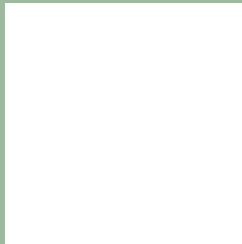
Any Text WCAG AAA ✓ Pass

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

RYB 159, 185, 185 Background



This preview shows how black text looks on a background with the RYB color 159, 185, 185.



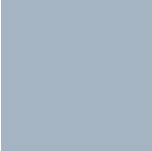
This preview shows how white text looks on a background with the RYB color 159, 185, 185.

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

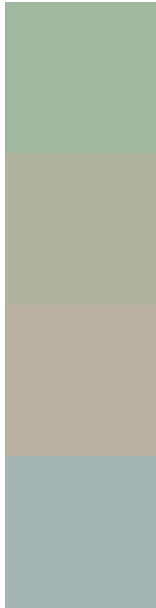




Tritanopia

165, 175, 194

Trichromacy



Original Color
159, 185, 185

Protanomaly
156, 180, 160

Deuteranomaly
178, 186, 161

Tritanomaly
163, 173, 182

Monochromacy



Original Color
159, 185, 185

Achromatopsia
174, 174, 174

Achromatomaly
169, 178, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 159, 185, 185 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(159, 185, 159)` looks like.

```
.text, #text, p{  
    color:rgb(159, 185, 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(159, 185, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 185, 159) }
```

Border

The CSS property to change the border of an element to RYB 159, 185, 185 is called "border". The border property can be set on classes, ids or directly on the HTML element.

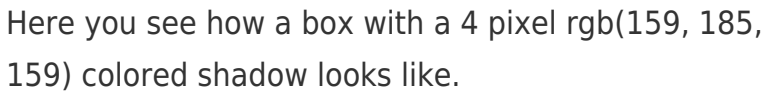
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 185, 159) }
```

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

```
.border{ border-color:rgb(159, 185, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 185, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 185, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 185, 159); box-shadow:4px 4px 4px 4px rgb(159, 185, 159) }
```

Background

The CSS property to change the background color of an element to RYB 159, 185, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 185, 159) }
```

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

```
.background{ background-color: rgb(159,  
185, 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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