

# Converting Colors

`RYB(155, 183, 179)`

Have a look what the booklet for  
RYB(155, 183, 179) contains.

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# Color

**R<sub>Y</sub>B(155, 183, 179)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FB79B
RGB	159, 183, 155
RGB Percent	62%, 72%, 61%
CMY	0.3765, 0.2824, 0.3922
CMYK	0.13, 0.00, 0.15, 0.28
HSL	111°, 16%, 66%
HSV	111°, 15%, 72%
XYZ	37.1480, 43.6045, 37.4689
YIQ	172.6320, -5.3160, -13.7960

# Conversions

## Conversions Part 2

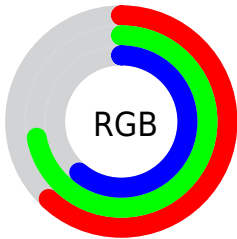
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 183, 179
Decimal	10467227
CIELab	71.96, -13.58, 11.51
CIELCh	72, 17.803, 139.728
Yxy	43.6045, 0.3142, 0.3688
Android (android.graphics.Color)	4288657307 (0xFF9FB79B)
YUV	172.6320, -8.6926, -11.9553
Hunter-Lab	66.0337, -15.1418, 12.5811

# Details

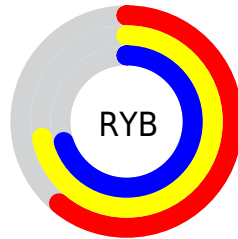
The RYB color **155, 183, 179** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **179, 155, 183**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **209, 239, 234**, and **104, 130, 127** is the 20% darker color. If you saturate the color by 10%, you get **137, 183, 177**, and if you desaturate by 10%, it is **173, 183, 181**.

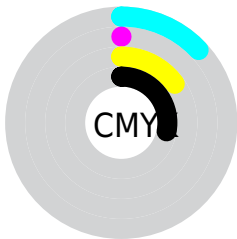
# Distribution



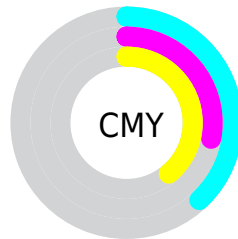
- Red (62%)
- Green (72%)
- Blue (61%)



- Red (61%)
- Yellow (72%)
- Blue (70%)



- Cyan (13%)
- Magenta (0%)
- Yellow (15%)
- Black (28%)



- Cyan (38%)
- Magenta (28%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 155, 183, 179 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 155, 183, 179 by changing the saturation by 10% instead.




 155, 183, 179


255, 255, 255


 209, 239, 234

 238, 255, 251

 155, 183, 179

 129, 156, 152


 104, 130, 127

 80, 105, 102

 57, 81, 79


 35, 58, 56

 14, 36, 33


 0, 13, 13


 0, 0, 0


 155, 183, 179


 155, 183, 179


 137, 183, 177

 173, 183, 181


 118, 183, 173


 190, 183, 192

 100, 183, 171

 206, 183, 210


 82, 183, 169


 222, 183, 228

 63, 183, 165


 237, 183, 246

 45, 183, 163

 253, 183, 255

 27, 183, 161

 255, 183, 255

 9, 183, 158

 0, 183, 157

# Harmonies

## Analogous

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



146, 179, 147



155, 183, 179



143, 169, 185

# Triad

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



155, 183, 179



151, 170, 208



211, 165, 166

# Complementary

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



155, 183, 179



179, 155, 183

# 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.



206, 166, 183



155, 183, 179



172, 174, 207

# Square

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



155, 183, 179



136, 164, 201



192, 169, 198



206, 175, 152

# Rectangle

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



155, 183, 179



135, 162, 186



192, 169, 198



210, 165, 172



# Sweetspot

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



155, 183, 179



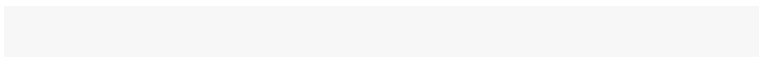
225, 237, 235



160, 183, 155



113, 120, 119



247, 247, 247



120, 120, 120



# Same Dimension

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



155, 183, 179



194, 237, 230



155, 176, 183



83, 92, 91



0, 156, 134



0, 28, 24



# Inverse Universe

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



179, 155, 183



231, 194, 237



183, 155, 173



90, 83, 92



133, 0, 156



24, 0, 28



# Previews

## White Background



This preview shows how the RYB color 155, 183, 179 looks on a white background.

## Color Contrast Check

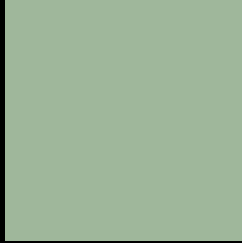
Large Text (above 18pt) WCAG AA × Fail

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 155, 183, 179 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

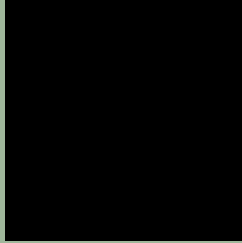
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RYB 155, 183, 179 Background



This preview shows how black text looks on a background with the RYB color 155, 183, 179.

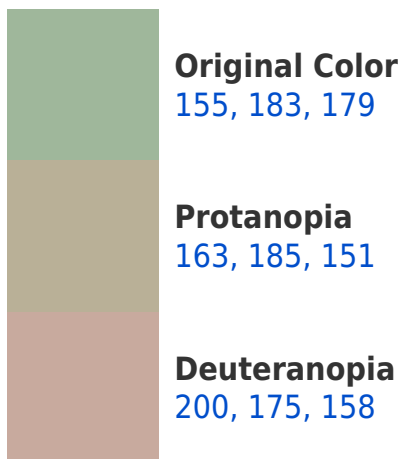


This preview shows how white text looks on a background with the RYB color 155, 183, 179.

# 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](#).

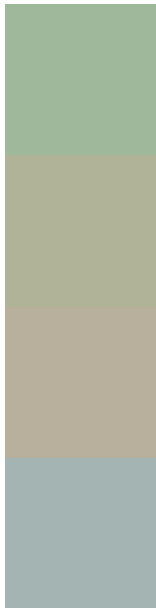
## Dichromacy





**Tritanopia**  
165, 174, 192

# Trichromacy



**Original Color**  
155, 183, 179

**Protanomaly**  
152, 179, 155

**Deuteranomaly**  
173, 185, 157

**Tritanomaly**  
163, 172, 180

# Monochromacy



**Original Color**  
155, 183, 179

**Achromatopsia**  
173, 173, 173

**Achromatomaly**  
166, 177, 175

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 155, 183, 179 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, 183, 155)` looks like.

```
.text, #text, p{  
    color:rgb(159, 183, 155)  
}
```

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, 183, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 183, 155) }
```

## Border

The CSS property to change the border of an element to RYB 155, 183, 179 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, 183, 155) }
```

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

```
.border{ border-color:rgb(159, 183, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 183, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 183, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 183, 155); box-shadow:4px 4px 4px 4px rgb(159, 183, 155) }
```

# Background

The CSS property to change the background color of an element to RYB 155, 183, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 183, 155) }
```

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

```
.background{ background-color: rgb(159,  
183, 155) }
```

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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