

Converting Colors

`RYB(103, 158, 179)`

Have a look what the booklet for
RYB(103, 158, 179) contains.

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Color

R_YB(103, 158, 179)

Conversions

Conversions Part 1

Format	Color
Hex	67B384
RGB	103, 179, 132
RGB Percent	40%, 70%, 52%
CMY	0.5961, 0.2980, 0.4823
CMYK	0.42, 0.00, 0.26, 0.30
HSL	143°, 33%, 55%
HSV	143°, 42%, 70%
XYZ	25.8797, 36.7902, 27.5735
YIQ	150.9180, -30.2090, -30.7290

Conversions

Conversions Part 2

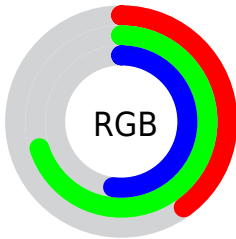
Format	Color
RYB	103, 158, 179
Decimal	6796164
CIELab	67.12, -34.20, 16.78
CIElCh	67, 38.092, 153.872
Yxy	36.7902, 0.2868, 0.4077
Android (android.graphics.Color)	4284986244 (0xFF67B384)
YUV	150.9180, -9.3266, -42.0241
Hunter-Lab	60.6549, -29.9853, 15.5054

Details

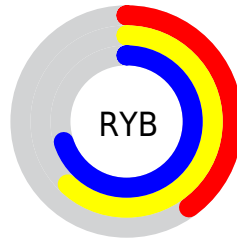
The RYB color **103, 158, 179** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **179, 103, 150**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **157, 214, 235**, and **49, 103, 126** is the 20% darker color. If you saturate the color by 10%, you get **85, 153, 179**, and if you desaturate by 10%, it is **121, 163, 179**.

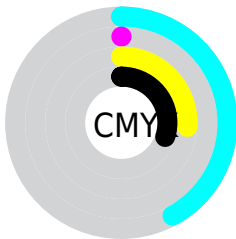
Distribution



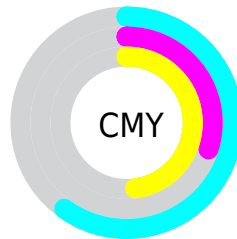
- Red (40%)
- Green (70%)
- Blue (52%)



- Red (40%)
- Yellow (62%)
- Blue (70%)



- Cyan (42%)
- Magenta (0%)
- Yellow (26%)
- Black (30%)



- Cyan (60%)
- Magenta (30%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 103, 158, 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 103, 158, 179 by changing the saturation by 10% instead.

 103, 158, 179

255, 255, 255


 157, 214, 235

 185, 235, 255

 214, 239, 255

 243, 249, 255

 103, 158, 179


 76, 130, 152

 49, 103, 126

 18, 73, 100


 0, 51, 76

 0, 40, 52


 0, 32, 32


 0, 0, 0

 103, 158, 179


 85, 153, 179

 103, 158, 179


 121, 163, 179

 67, 148, 179


 139, 168, 179

 49, 143, 179

 157, 173, 179


 31, 138, 179

 175, 178, 179

 14, 133, 179

 193, 179, 187

 0, 130, 179

 210, 179, 198

 228, 179, 209

 246, 179, 221

 255, 179, 232

Harmonies

Analogous

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



105, 173, 133



103, 158, 179



51, 120, 182

Triad

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



103, 158, 179



120, 152, 231



227, 142, 127

Complementary

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



103, 158, 179



179, 103, 150

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.



228, 136, 160



103, 158, 179



173, 153, 220

Square

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



103, 158, 179



53, 124, 224



210, 141, 194



210, 192, 102

Rectangle

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



103, 158, 179



0, 93, 190



210, 141, 194



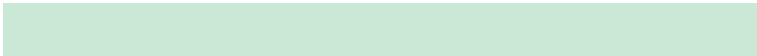
230, 138, 137

Sweetspot

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



103, 158, 179



202, 224, 232



103, 179, 131



99, 112, 117



245, 245, 245



117, 117, 117

Same Dimension

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



103, 158, 179



114, 199, 232



103, 144, 179



80, 86, 89



0, 111, 153



0, 19, 26

Inverse Universe

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



179, 103, 150



232, 114, 187



179, 103, 113



89, 80, 86



153, 0, 95



26, 0, 16

Previews

White Background



This preview shows how the RYB color 103, 158, 179 looks on a white background.

Color Contrast Check

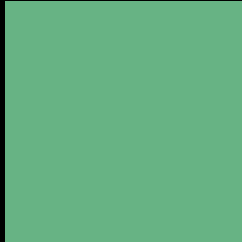
Large Text (above 18pt) WCAG AA × Fail

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 103, 158, 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 103, 158, 179 Background



This preview shows how black text looks on a background with the RYB color 103, 158, 179.

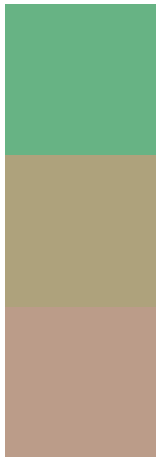


This preview shows how white text looks on a background with the RYB color 103, 158, 179.

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



Original Color
103, 158, 179

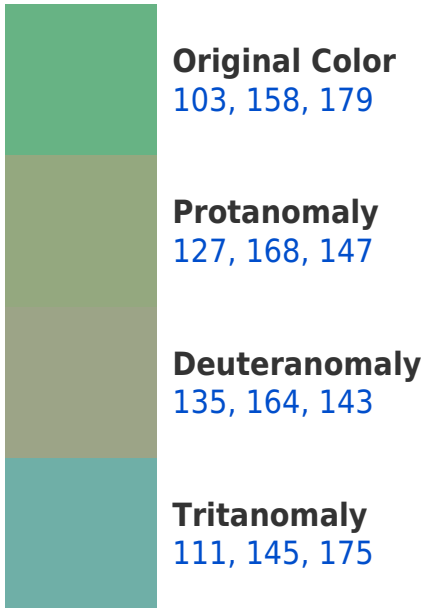
Protanopia
140, 174, 124

Deuteranopia
187, 168, 137

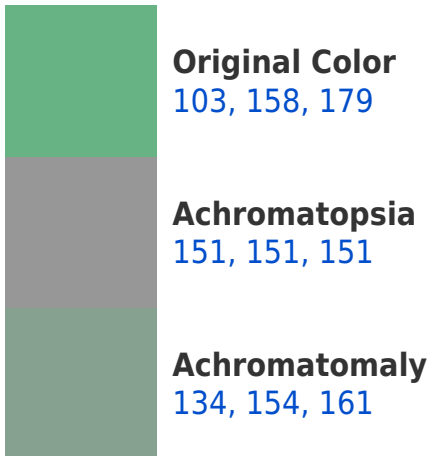


Tritanopia
115, 147, 186

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 103, 158, 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(103, 179, 132)` looks like.

```
.text, #text, p{  
    color:rgb(103, 179, 132)  
}
```

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(103, 179, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 179, 132) }
```

Border

The CSS property to change the border of an element to RYB 103, 158, 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(103, 179, 132) }
```

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

```
.border{ border-color:rgb(103, 179, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 179, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 179, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 179, 132);  
box-shadow:4px 4px 4px 4px rgb(103, 179,  
132) }
```

Background

The CSS property to change the background color of an element to RYB 103, 158, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 179, 132) }
```

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

```
.background{ background-color: rgb(103,  
179, 132) }
```

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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