

Converting Colors

`RYB(108, 151, 179)`

Have a look what the booklet for
RYB(108, 151, 179) contains.

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Color

R_YB(108, 151, 179)

Conversions

Conversions Part 1

Format	Color
Hex	6CB39A
RGB	108, 179, 154
RGB Percent	42%, 70%, 60%
CMY	0.5765, 0.2980, 0.3952
CMYK	0.40, 0.00, 0.14, 0.30
HSL	159°, 32%, 56%
HSV	159°, 40%, 70%
XYZ	28.1566, 37.7692, 36.4797
YIQ	154.9210, -34.2910, -22.8270

Conversions

Conversions Part 2

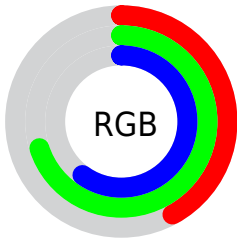
Format	Color
RYB	108, 151, 179
Decimal	7123866
CIELab	67.85, -28.11, 5.66
CIELCh	68, 28.676, 168.614
Yxy	37.7692, 0.2750, 0.3688
Android (android.graphics.Color)	4285313946 (0xFF6CB39A)
YUV	154.9210, -0.4541, -41.1497
Hunter-Lab	61.4566, -25.7688, 7.8261

Details

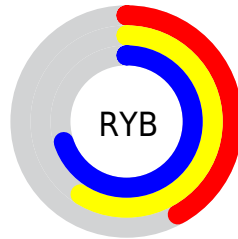
The RYB color **108, 151, 179** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **179, 108, 133**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **162, 207, 235**, and **55, 97, 126** is the 20% darker color. If you saturate the color by 10%, you get **90, 144, 179**, and if you desaturate by 10%, it is **126, 158, 179**.

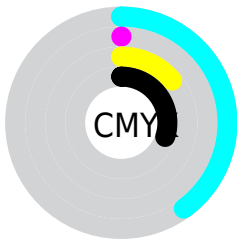
Distribution



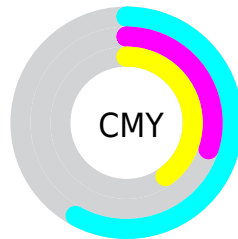
- Red (42%)
- Green (70%)
- Blue (60%)



- Red (42%)
- Yellow (59%)
- Blue (70%)



- Cyan (40%)
- Magenta (0%)
- Yellow (14%)
- Black (30%)



- Cyan (58%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 151, 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 108, 151, 179 by changing the saturation by 10% instead.

 108, 151, 179

255, 255, 255


 162, 206, 235

 190, 228, 255

 219, 237, 255

 248, 252, 255

 108, 151, 179

 82, 124, 152

 55, 97, 126

 26, 70, 101


 0, 44, 76


 0, 32, 53


 0, 24, 33


 0, 0, 0

 108, 151, 179


 90, 144, 179


 108, 151, 179


 126, 158, 179


 72, 137, 179


 144, 165, 179

 54, 129, 179

 162, 172, 179

 36, 123, 179


 180, 179, 179

 18, 115, 179


 197, 179, 185

 1, 109, 179

 215, 179, 192

 0, 108, 179

 233, 179, 198

 251, 179, 204

 255, 179, 210

Harmonies

Analogous

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



130, 175, 167



108, 151, 179



86, 133, 181

Triad

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



108, 151, 179



155, 161, 214



211, 162, 128

Complementary

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



108, 151, 179



179, 108, 133

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.



217, 147, 150



108, 151, 179



189, 153, 200

Square

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



108, 151, 179



117, 152, 215



210, 147, 176



172, 193, 115

Rectangle

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



108, 151, 179



84, 135, 197



210, 147, 176



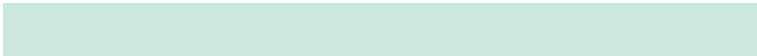
214, 154, 134

Sweetspot

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



108, 151, 179



204, 221, 232



108, 179, 154



101, 110, 117



245, 245, 245



117, 117, 117

Same Dimension

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



108, 151, 179



121, 188, 232



108, 141, 179



80, 85, 89



0, 93, 153



0, 16, 26

Inverse Universe

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



179, 108, 133



232, 121, 160



179, 121, 108



89, 80, 83



153, 0, 53



26, 0, 9

Previews

White Background



This preview shows how the RYB color 108, 151, 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 108, 151, 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 108, 151, 179 Background



This preview shows how black text looks on a background with the RYB color 108, 151, 179.

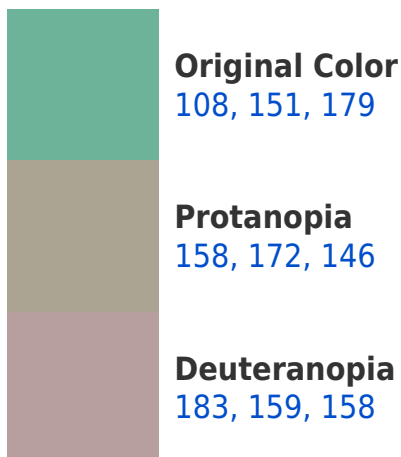


This preview shows how white text looks on a background with the RYB color 108, 151, 179.

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
116, 148, 188

Trichromacy



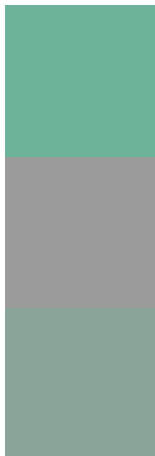
Original Color
108, 151, 179

Protanomaly
149, 169, 169

Deuteranomaly
156, 165, 166

Tritanomaly
113, 145, 176

Monochromacy



Original Color
108, 151, 179

Achromatopsia
155, 155, 155

Achromatomaly
138, 154, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 151, 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(108, 179, 154)` looks like.

```
.text, #text, p{  
    color:rgb(108, 179, 154)  
}
```

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(108, 179, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 179, 154) }
```

Border

The CSS property to change the border of an element to RYB 108, 151, 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(108, 179, 154) }
```

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

```
.border{ border-color:rgb(108, 179, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 179, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 179, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 179, 154);  
box-shadow:4px 4px 4px 4px rgb(108, 179,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 108, 151, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 179, 154) }
```

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

```
.background{ background-color: rgb(108,  
179, 154) }
```

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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