

Converting Colors

`RYB(119, 168, 195)`

Have a look what the booklet for
RYB(119, 168, 195) contains.

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Color

R_YB(119, 168, 195)

Conversions

Conversions Part 1

Format	Color
Hex	77C3A1
RGB	119, 195, 161
RGB Percent	47%, 76%, 63%
CMY	0.5333, 0.2353, 0.3691
CMYK	0.39, 0.00, 0.17, 0.24
HSL	153°, 39%, 62%
HSV	153°, 39%, 76%
XYZ	33.5451, 45.5210, 40.6801
YIQ	168.4000, -34.3820, -26.6860

Conversions

Conversions Part 2

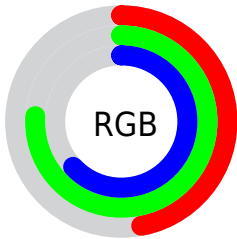
Format	Color
RYB	119, 168, 195
Decimal	7848865
CIELab	73.23, -31.28, 9.80
CIElCh	73, 32.782, 162.598
Yxy	45.5210, 0.2801, 0.3801
Android (android.graphics.Color)	4286038945 (0xFF77C3A1)
YUV	168.4000, -3.6482, -43.3238
Hunter-Lab	67.4693, -29.3228, 11.4801

Details

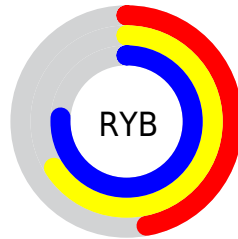
The RYB color **119, 168, 195** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **195, 119, 153**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **174, 225, 252**, and **66, 114, 141** is the 20% darker color. If you saturate the color by 10%, you get **99, 161, 195**, and if you desaturate by 10%, it is **139, 175, 195**.

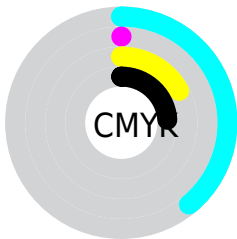
Distribution



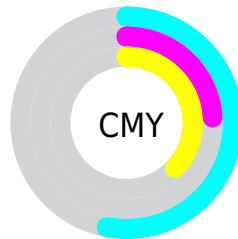
- Red (47%)
- Green (76%)
- Blue (63%)



- Red (47%)
- Yellow (66%)
- Blue (76%)



- Cyan (39%)
- Magenta (0%)
- Yellow (17%)
- Black (24%)



- Cyan (53%)
- Magenta (24%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 119, 168, 195 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 119, 168, 195 by changing the saturation by 10% instead.

 119, 168, 195


255, 255, 255


 174, 225, 252


 202, 232, 255

 231, 243, 255

 119, 168, 195

 92, 141, 168


 66, 114, 141

 38, 86, 115

 0, 53, 90

 0, 41, 66


 0, 30, 43

 0, 19, 19


 0, 0, 0


 119, 168, 195


 119, 168, 195

 99, 161, 195


 139, 175, 195

 80, 154, 195


 158, 182, 195

 61, 147, 195

 178, 189, 195


 41, 140, 195

 197, 195, 196

 21, 133, 195

 217, 195, 205


 2, 127, 195

 236, 195, 213

 0, 126, 195

 255, 195, 222

 255, 195, 231

 255, 195, 240

Harmonies

Analogous

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



135, 190, 171



119, 168, 195



88, 143, 196

Triad

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



119, 168, 195



159, 174, 238



235, 168, 141

Complementary

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



119, 168, 195



195, 119, 153

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.



240, 157, 168



119, 168, 195



200, 168, 224

Square

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



119, 168, 195



114, 160, 236



228, 159, 199



207, 216, 123

Rectangle

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



119, 168, 195



79, 141, 211



228, 159, 199



238, 162, 149

Sweetspot

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



119, 168, 195



222, 241, 252



119, 195, 161



110, 122, 128



0, 0, 0



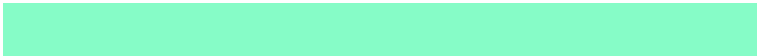
128, 128, 128

Same Dimension

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



119, 168, 195



134, 210, 252



119, 156, 195



87, 93, 97



0, 104, 161



0, 21, 33

Inverse Universe

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



195, 119, 153



252, 134, 187



195, 123, 119



97, 87, 92



161, 0, 72



33, 0, 15

Previews

White Background



This preview shows how the RYB color 119, 168, 195 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 119, 168, 195 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 119, 168, 195 Background



This preview shows how black text looks on a background with the RYB color 119, 168, 195.

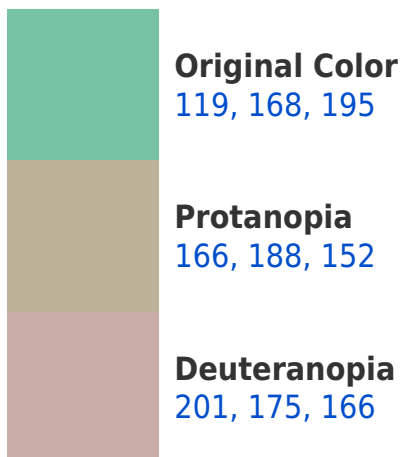


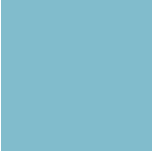
This preview shows how white text looks on a background with the RYB color 119, 168, 195.

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
129, 162, 204

Trichromacy



Original Color

119, 168, 195



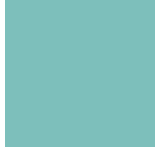
Protanomaly

155, 184, 176



Deuteranomaly

164, 181, 174



Tritanomaly

125, 159, 191

Monochromacy



Original Color

119, 168, 195



Achromatopsia

168, 168, 168



Achromatomaly

150, 168, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 119, 168, 195 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(119, 195, 161)` looks like.

```
.text, #text, p{  
    color:rgb(119, 195, 161)  
}
```

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(119, 195, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 195, 161) }
```

Border

The CSS property to change the border of an element to RYB 119, 168, 195 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(119, 195, 161) }
```

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

```
.border{ border-color:rgb(119, 195, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 195, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 195, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 195, 161);  
box-shadow:4px 4px 4px 4px rgb(119, 195,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 119, 168, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 195, 161) }
```

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

```
.background{ background-color: rgb(119,  
195, 161) }
```

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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