

Converting Colors

`RYB(115, 177, 195)`

Have a look what the booklet for
RYB(115, 177, 195) contains.

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Color

R_YB(115, 177, 195)

Conversions

Conversions Part 1

Format	Color
Hex	73C38A
RGB	115, 195, 138
RGB Percent	45%, 76%, 54%
CMY	0.5490, 0.2353, 0.4579
CMYK	0.41, 0.00, 0.29, 0.24
HSL	137°, 40%, 61%
HSV	137°, 41%, 76%
XYZ	31.1892, 44.5166, 31.0793
YIQ	164.5820, -29.3830, -34.6870

Conversions

Conversions Part 2

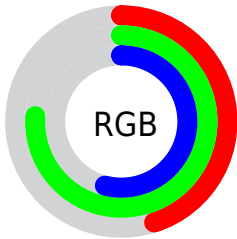
Format	Color
RYB	115, 177, 195
Decimal	7586698
CIELab	72.57, -36.91, 21.03
CIELCh	73, 42.475, 150.328
Yxy	44.5166, 0.2921, 0.4169
Android (android.graphics.Color)	4285776778 (0xFF73C38A)
YUV	164.5820, -13.1049, -43.4834
Hunter-Lab	66.7207, -33.3200, 19.0866

Details

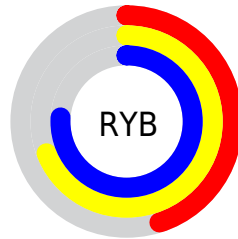
The RYB color **115, 177, 195** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **195, 115, 172**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **170, 235, 252**, and **61, 121, 141** is the 20% darker color. If you saturate the color by 10%, you get **96, 173, 195**, and if you desaturate by 10%, it is **134, 181, 195**.

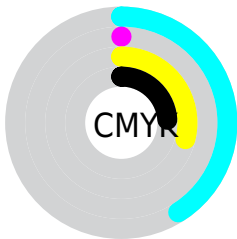
Distribution



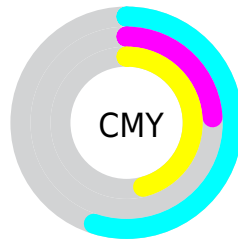
- Red (45%)
- Green (76%)
- Blue (54%)



- Red (45%)
- Yellow (69%)
- Blue (76%)



- Cyan (41%)
- Magenta (0%)
- Yellow (29%)
- Black (24%)



- Cyan (55%)
- Magenta (24%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 177, 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 115, 177, 195 by changing the saturation by 10% instead.

 115, 177, 195


255, 255, 255


 170, 235, 252

 198, 239, 255

 227, 243, 255

 115, 177, 195

 88, 148, 167

 61, 121, 141

 32, 92, 115

 0, 61, 90

 0, 50, 65


 0, 43, 43


 0, 16, 16


 0, 0, 0

 115, 177, 195


 115, 177, 195

 96, 173, 195


 134, 181, 195

 76, 168, 195


 154, 186, 195


 57, 164, 195


 174, 190, 195


 37, 159, 195

 193, 194, 195

 18, 155, 195


 213, 195, 207

 0, 151, 195

 232, 195, 221

 252, 195, 235

 255, 195, 249

 255, 195, 255

Harmonies

Analogous

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



109, 187, 134



115, 177, 195



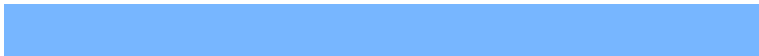
53, 131, 198

Triad

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



115, 177, 195



119, 162, 255



251, 152, 141

Complementary

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



115, 177, 195



195, 115, 172

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.



250, 147, 179



115, 177, 195



182, 168, 245

Square

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



115, 177, 195



25, 120, 245



227, 154, 217



234, 198, 111

Rectangle

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



115, 177, 195



0, 100, 204



227, 154, 217



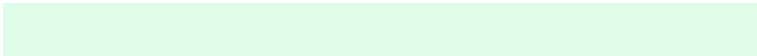
253, 148, 153

Sweetspot

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



115, 177, 195



222, 245, 252



115, 195, 138



110, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



115, 177, 195



129, 224, 252



115, 160, 195



87, 95, 97



0, 125, 161



0, 25, 33

Inverse Universe

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



195, 115, 172



252, 129, 217



195, 115, 132



97, 87, 94



161, 0, 114



33, 0, 24

Previews

White Background



This preview shows how the RYB color 115, 177, 195 looks on a white background.

Color Contrast Check

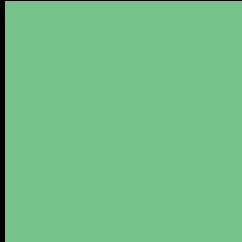
Large Text (above 18pt) WCAG AA × Fail

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 115, 177, 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 115, 177, 195 Background



This preview shows how black text looks on a background with the RYB color 115, 177, 195.

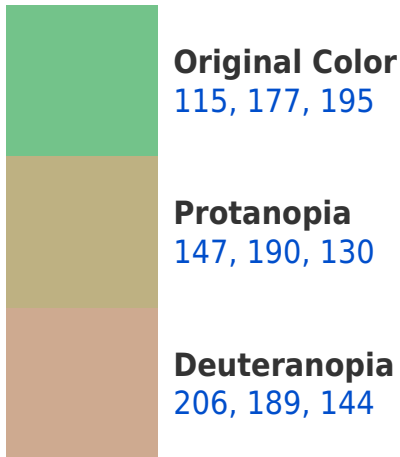


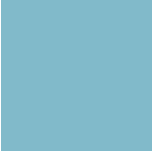
This preview shows how white text looks on a background with the RYB color 115, 177, 195.

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, 161, 202

Trichromacy



Original Color

115, 177, 195



Protanomaly

133, 184, 154



Deuteranomaly

142, 179, 148



Tritanomaly

124, 160, 190

Monochromacy



Original Color

115, 177, 195



Achromatopsia

165, 165, 165



Achromatomaly

147, 170, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 115, 177, 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(115, 195, 138)` looks like.

```
.text, #text, p{  
    color:rgb(115, 195, 138)  
}
```

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(115, 195, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 195, 138) }
```

Border

The CSS property to change the border of an element to RYB 115, 177, 195 is called "border". The border property can be set on classes, ids or directly on the HTML element.

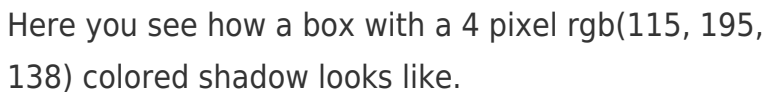
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 195, 138) }
```

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

```
.border{ border-color:rgb(115, 195, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 195, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 195, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 195, 138); box-shadow:4px 4px 4px 4px rgb(115, 195, 138) }
```

Background

The CSS property to change the background color of an element to RYB 115, 177, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 195, 138) }
```

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

```
.background{ background-color: rgb(115,  
195, 138) }
```

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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