

Converting Colors

`RYB(115, 148, 202)`

Have a look what the booklet for
RYB(115, 148, 202) contains.

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Color

$\text{RYB}(115, 148, 202)$

Conversions

Conversions Part 1

Format	Color
Hex	73A8CA
RGB	115, 168, 202
RGB Percent	45%, 66%, 79%
CMY	0.5490, 0.3405, 0.2078
CMYK	0.43, 0.17, 0.00, 0.21
HSL	203°, 45%, 62%
HSV	203°, 43%, 79%
XYZ	31.7643, 35.9760, 61.1470
YIQ	156.0290, -42.5020, -0.6620

Conversions

Conversions Part 2

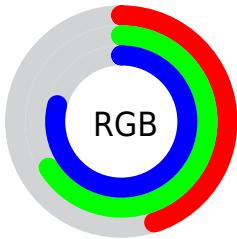
Format	Color
R _Y B	115, 148, 202
Decimal	7579850
CIE Lab	66.50, -8.63, -22.76
CIE LCh	67, 24.344, 249.235
Yxy	35.9760, 0.2465, 0.2791
Android (android.graphics.Color)	4285769930 (0xFF73A8CA)
YUV	156.0290, 22.6637, -35.9824
Hunter-Lab	59.9800, -10.4345, -18.4577

Details

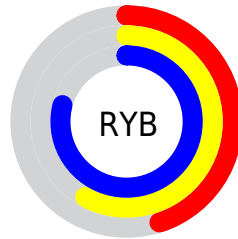
The RYB color **115, 148, 202** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **202, 171, 115**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **170, 203, 255**, and **60, 94, 148** is the 20% darker color. If you saturate the color by 10%, you get **95, 135, 202**, and if you desaturate by 10%, it is **135, 160, 202**.

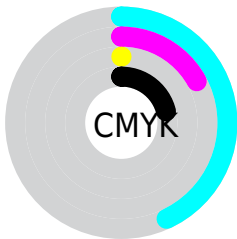
Distribution



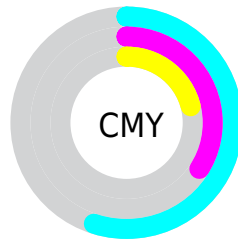
- Red (45%)
- Green (66%)
- Blue (79%)



- Red (45%)
- Yellow (58%)
- Blue (79%)



- Cyan (43%)
- Magenta (17%)
- Yellow (0%)
- Black (21%)



- Cyan (55%)
- Magenta (34%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 148, 202 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, 148, 202 by changing the saturation by 10% instead.

 115, 148, 202


255, 255, 255

 170, 203, 255

 199, 226, 255

 228, 242, 255

 115, 148, 202


 88, 121, 175

 60, 94, 148

 30, 67, 122

 0, 40, 97


 0, 28, 73

 0, 17, 50

 0, 2, 29

 0, 0, 0

 115, 148, 202

 115, 148, 202

■ 95, 135, 202

■ 135, 160, 202

■ 75, 123, 202

■ 155, 173, 202

■ 54, 110, 202

■ 176, 186, 202

■ 34, 98, 202

■ 196, 198, 202

■ 14, 85, 202

■ 216, 210, 202

■ 0, 76, 202

■ 236, 223, 202

■ 255, 237, 202

■ 246, 255, 202

■ 225, 255, 202

Harmonies

Analogous

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



98, 139, 189



115, 148, 202



144, 157, 205

Triad

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



115, 148, 202



206, 146, 156



127, 169, 149

Complementary

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



115, 148, 202



202, 171, 115

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.



129, 171, 118



115, 148, 202



204, 153, 135

Square

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



115, 148, 202



195, 148, 178



191, 187, 121



122, 157, 173

Rectangle

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



115, 148, 202



164, 156, 200



191, 187, 121



123, 167, 135

Sweetspot

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



115, 148, 202



222, 234, 255



115, 178, 202



107, 115, 128



0, 0, 0



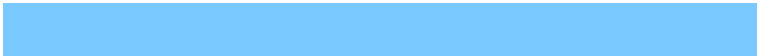
128, 128, 128

Same Dimension

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



115, 148, 202



122, 172, 255



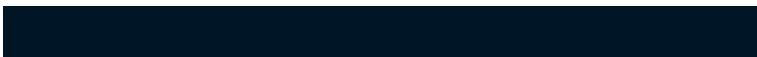
115, 124, 202



92, 96, 102



0, 63, 166



0, 14, 38

Inverse Universe

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



202, 115, 168



255, 122, 203



126, 202, 115



102, 92, 98



166, 0, 101



38, 0, 23

Previews

White Background



This preview shows how the RYB color 115, 148, 202 looks on a white background.

Color Contrast Check

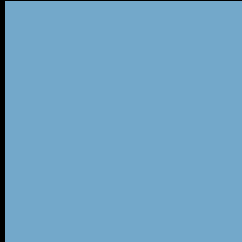
Large Text (above 18pt) WCAG AA × Fail

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, 148, 202 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, 148, 202 Background



This preview shows how black text looks on a background with the RYB color 115, 148, 202.

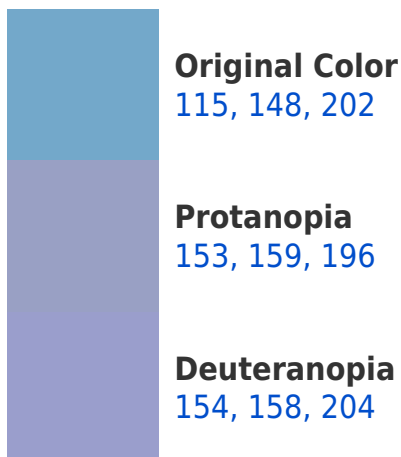


This preview shows how white text looks on a background with the RYB color 115, 148, 202.

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](#).

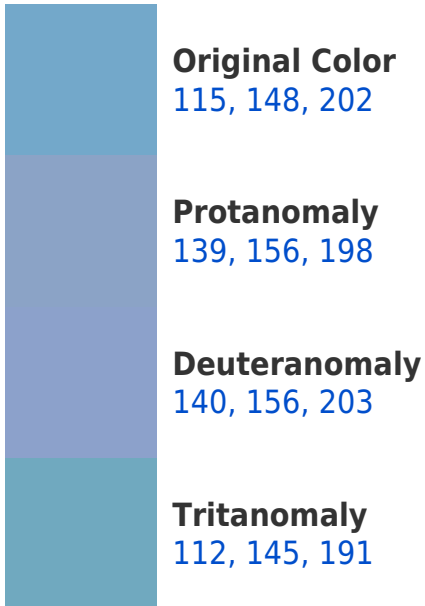
Dichromacy



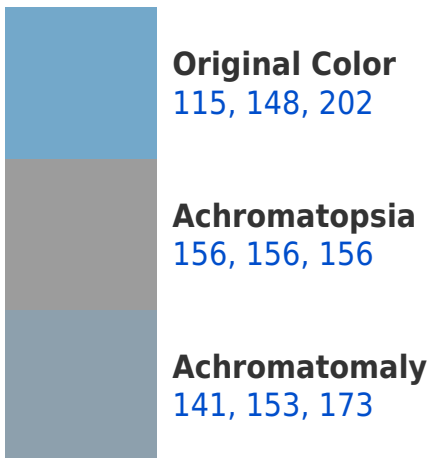


Tritanopia
110, 144, 185

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 115, 148, 202 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, 168, 202)` looks like.

```
.text, #text, p{  
    color:rgb(115, 168, 202)  
}
```

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, 168, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 168, 202) }
```

Border

The CSS property to change the border of an element to RYB 115, 148, 202 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, 168, 202) }
```

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

```
.border{ border-color:rgb(115, 168, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 168, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 168, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 168, 202);  
box-shadow:4px 4px 4px 4px rgb(115, 168,  
202) }
```

Background

The CSS property to change the background color of an element to RYB 115, 148, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 168, 202) }
```

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

```
.background{ background-color: rgb(115,  
168, 202) }
```

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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