

Converting Colors

`RYB(111, 154, 202)`

Have a look what the booklet for
RYB(111, 154, 202) contains.

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Color

$\text{RYB}(111, 154, 202)$

Conversions

Conversions Part 1

Format	Color
Hex	6FC1CA
RGB	111, 193, 202
RGB Percent	44%, 76%, 79%
CMY	0.5647, 0.2450, 0.2078
CMYK	0.45, 0.05, 0.00, 0.21
HSL	186°, 46%, 61%
HSV	186°, 45%, 79%
XYZ	36.1804, 45.5722, 62.7665
YIQ	169.5080, -51.7610, -14.5850

Conversions

Conversions Part 2

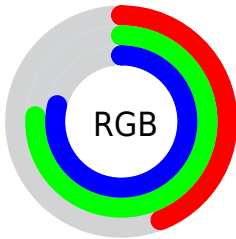
Format	Color
RYB	111, 154, 202
Decimal	7324106
CIELab	73.27, -22.41, -12.54
CIELCh	73, 25.677, 209.240
Yxy	45.5722, 0.2504, 0.3153
Android (android.graphics.Color)	4285514186 (0xFF6FC1CA)
YUV	169.5080, 16.0186, -51.3115
Hunter-Lab	67.5072, -22.4706, -7.8714

Details

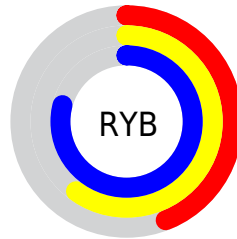
The RYB color **111, 154, 202** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **202, 121, 111**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **167, 210, 255**, and **53, 98, 148** is the 20% darker color. If you saturate the color by 10%, you get **91, 143, 202**, and if you desaturate by 10%, it is **131, 165, 202**.

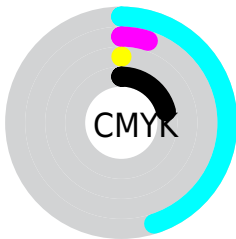
Distribution



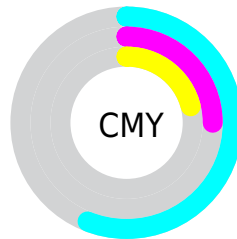
- Red (44%)
- Green (76%)
- Blue (79%)



- Red (44%)
- Yellow (60%)
- Blue (79%)



- Cyan (45%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)




- Cyan (56%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 111, 154, 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 111, 154, 202 by changing the saturation by 10% instead.


 111, 154, 202


255, 255, 255

 167, 209, 255

 196, 226, 255

 225, 240, 255

 111, 154, 202

 83, 126, 175


 53, 98, 148

 14, 66, 122

 0, 46, 97

 0, 35, 74

 0, 23, 51

 0, 12, 30

 0, 0, 2

 0, 0, 0

■ 111, 154, 202

■ 111, 154, 202

■ 91, 143, 202

■ 131, 165, 202

■ 71, 133, 202

■ 151, 175, 202

■ 50, 122, 202

■ 172, 186, 202

■ 30, 111, 202

■ 192, 197, 202

■ 10, 101, 202

■ 212, 203, 202

■ 0, 95, 202

■ 232, 205, 202

■ 252, 208, 202

■ 255, 210, 202

■ 255, 213, 202

Harmonies

Analogous

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



122, 162, 193



111, 154, 202



122, 162, 220

Triad

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



111, 154, 202



210, 167, 204



162, 198, 133

Complementary

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



111, 154, 202



202, 121, 111

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, 189, 140



111, 154, 202



225, 163, 181

Square

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



111, 154, 202



183, 174, 221



227, 165, 158



138, 185, 150

Rectangle

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



111, 154, 202



140, 170, 226



227, 165, 158



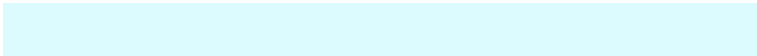
186, 205, 134

Sweetspot

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



111, 154, 202



219, 236, 255



111, 194, 202



106, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

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



111, 154, 202



117, 182, 255



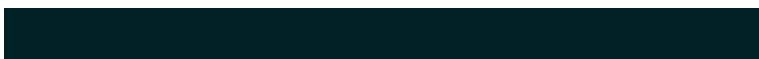
111, 137, 202



92, 97, 102



0, 78, 166



0, 18, 38

Inverse Universe

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



202, 111, 193



255, 117, 241



171, 202, 111



102, 92, 101



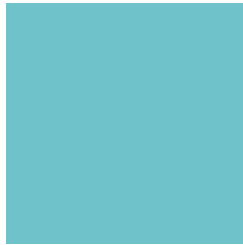
166, 0, 148



38, 0, 34

Previews

White Background



This preview shows how the RYB color 111, 154, 202 looks on a white background.

Color Contrast Check

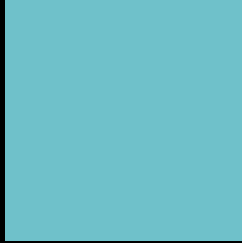
Large Text (above 18pt) WCAG AA × Fail

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 111, 154, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

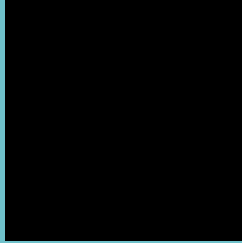
Any Text WCAG AA ✓ Pass

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 111, 154, 202 Background



This preview shows how black text looks on a background with the RYB color 111, 154, 202.

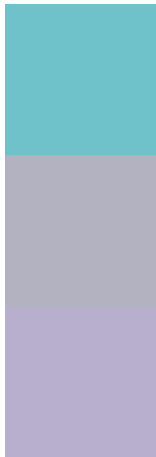


This preview shows how white text looks on a background with the RYB color 111, 154, 202.

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



Original Color
111, 154, 202

Protanopia
178, 178, 193

Deuteranopia
184, 175, 206



Tritanopia
113, 156, 207

Trichromacy



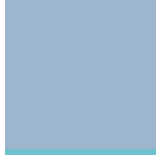
Original Color

111, 154, 202



Protanomaly

154, 171, 196



Deuteranomaly

157, 173, 205



Tritanomaly

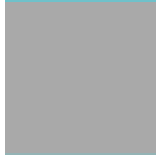
112, 155, 205

Monochromacy



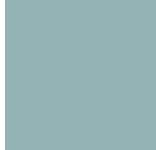
Original Color

111, 154, 202



Achromatopsia

169, 169, 169



Achromatomaly

148, 164, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 111, 154, 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(111, 193, 202)` looks like.

```
.text, #text, p{  
    color:rgb(111, 193, 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(111, 193, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 193, 202) }
```

Border

The CSS property to change the border of an element to RYB 111, 154, 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(111, 193, 202) }
```

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

```
.border{ border-color:rgb(111, 193, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 193, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 193, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 193, 202);  
box-shadow:4px 4px 4px 4px rgb(111, 193,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 111, 193, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 193, 202) }
```

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

```
.background{ background-color: rgb(111,  
193, 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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