

Converting Colors

`RYB(115, 154, 181)`

Have a look what the booklet for
RYB(115, 154, 181) contains.

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Color

R_YB(115, 154, 181)

Conversions

Conversions Part 1

Format	Color
Hex	73B5A1
RGB	115, 181, 161
RGB Percent	45%, 71%, 63%
CMY	0.5490, 0.2902, 0.3698
CMYK	0.36, 0.00, 0.11, 0.29
HSL	162°, 31%, 58%
HSV	162°, 36%, 71%
XYZ	30.0000, 39.2550, 39.5719
YIQ	158.9860, -32.9160, -20.2120

Conversions

Conversions Part 2

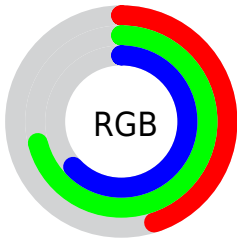
Format	Color
RYB	115, 154, 181
Decimal	7583137
CIELab	68.94, -25.67, 3.71
CIElCh	69, 25.936, 171.768
Yxy	39.2550, 0.2757, 0.3607
Android (android.graphics.Color)	4285773217 (0xFF73B5A1)
YUV	158.9860, 0.9929, -38.5757
Hunter-Lab	62.6538, -24.1743, 6.4103

Details

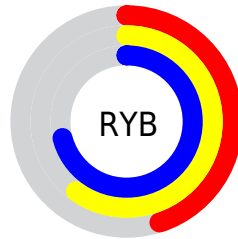
The RYB color **115, 154, 181** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **181, 115, 135**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **169, 209, 237**, and **63, 101, 128** is the 20% darker color. If you saturate the color by 10%, you get **97, 147, 181**, and if you desaturate by 10%, it is **133, 161, 181**.

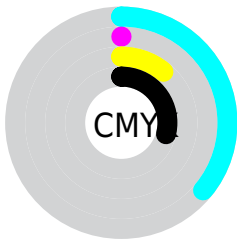
Distribution



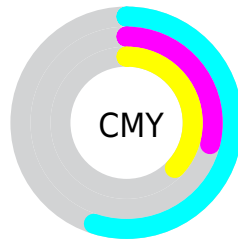
- Red (45%)
- Green (71%)
- Blue (63%)



- Red (45%)
- Yellow (60%)
- Blue (71%)



- Cyan (36%)
- Magenta (0%)
- Yellow (11%)
- Black (29%)



- Cyan (55%)
- Magenta (29%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 154, 181 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, 154, 181 by changing the saturation by 10% instead.


 115, 154, 181


255, 255, 255


 169, 210, 237

 197, 229, 255

 226, 241, 255

 115, 154, 181

 89, 127, 154

 63, 101, 128

 36, 74, 102


 1, 44, 78

 0, 32, 55


 0, 21, 34


 0, 0, 0


 115, 154, 181


 97, 147, 181

 115, 154, 181


 133, 161, 181

 79, 139, 181


 151, 169, 181

 61, 132, 181

 169, 176, 181


 43, 125, 181

 187, 181, 183

 25, 117, 181

 206, 181, 189

 6, 109, 181

 224, 181, 194

 0, 107, 181

 242, 181, 200

 255, 181, 205

 255, 181, 211

Harmonies

Analogous

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



139, 178, 176



115, 154, 181



99, 141, 185

Triad

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



115, 154, 181



163, 164, 212



209, 169, 132

Complementary

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



115, 154, 181



181, 115, 135

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.



216, 152, 152



115, 154, 181



192, 157, 198

Square

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



115, 154, 181



130, 158, 214



211, 152, 176



166, 191, 122

Rectangle

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



115, 154, 181



100, 144, 199



211, 152, 176



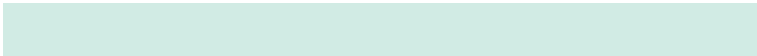
212, 160, 138

Sweetspot

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



115, 154, 181



209, 224, 235



115, 181, 160



102, 111, 117



245, 245, 245



117, 117, 117

Same Dimension

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



115, 154, 181



131, 192, 235



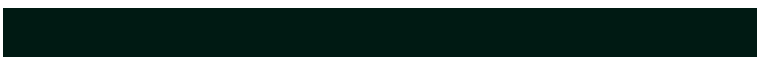
115, 145, 181



80, 85, 89



0, 90, 153



0, 15, 26

Inverse Universe

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



181, 115, 135



235, 131, 163



181, 130, 115



89, 80, 83



153, 0, 47



26, 0, 8

Previews

White Background



This preview shows how the RYB color 115, 154, 181 looks on a white background.

Color Contrast Check

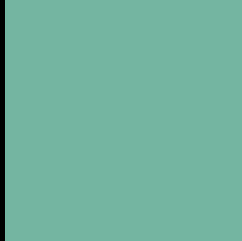
Large Text (above 18pt) WCAG AA × Fail

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, 154, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

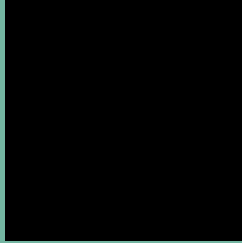
Any Text WCAG AA ✓ Pass

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, 154, 181 Background



This preview shows how black text looks on a background with the RYB color 115, 154, 181.

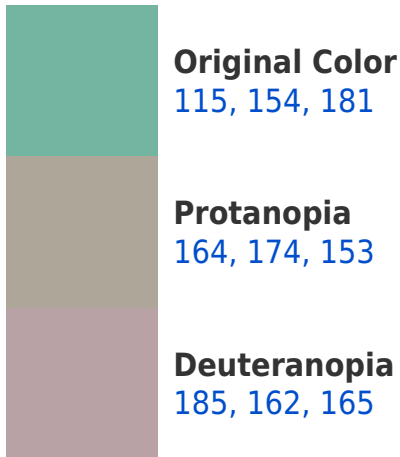


This preview shows how white text looks on a background with the RYB color 115, 154, 181.

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](#).

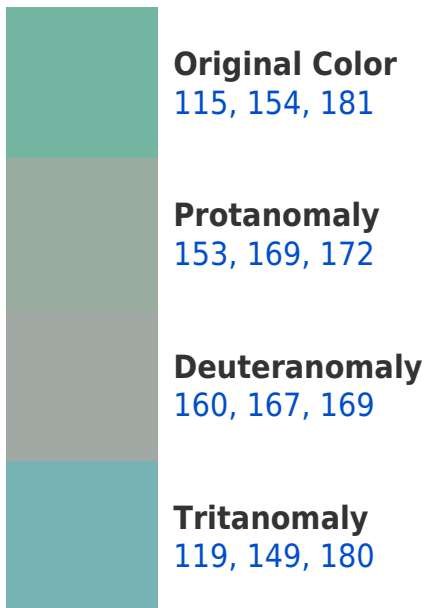
Dichromacy



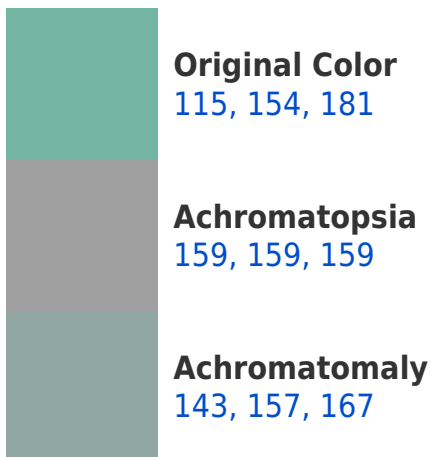


Tritanopia
122, 153, 191

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 115, 154, 181 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, 181, 161)` looks like.

```
.text, #text, p{  
    color:rgb(115, 181, 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(115, 181, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 181, 161) }
```

Border

The CSS property to change the border of an element to RYB 115, 154, 181 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, 181, 161) }
```

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

```
.border{ border-color:rgb(115, 181, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 181, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 181, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 181, 161); box-shadow:4px 4px 4px 4px rgb(115, 181, 161) }
```

Background

The CSS property to change the background color of an element to RYB 115, 154, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 181, 161) }
```

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

```
.background{ background-color: rgb(115,  
181, 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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