

Converting Colors

`RYB(115, 150, 184)`

Have a look what the booklet for RYB(115, 150, 184) contains.

RYB(115, 150, 184)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(115, 150, 184)

Conversions

Conversions Part 1

Format	Color
Hex	73B8B6
RGB	115, 184, 182
RGB Percent	45%, 72%, 71%
CMY	0.5490, 0.2784, 0.2862
CMYK	0.38, 0.00, 0.01, 0.28
HSL	178°, 33%, 59%
HSV	178°, 38%, 72%
XYZ	32.6572, 41.3044, 50.5228
YIQ	163.1410, -40.4820, -15.2500

Conversions

Conversions Part 2

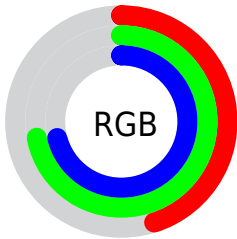
Format	Color
RYB	115, 150, 184
Decimal	7583926
CIELab	70.39, -22.16, -5.89
CIElCh	70, 22.934, 194.882
Yxy	41.3044, 0.2623, 0.3318
Android (android.graphics.Color)	4285774006 (0xFF73B8B6)
YUV	163.1410, 9.2975, -42.2197
Hunter-Lab	64.2685, -21.7675, -1.6211

Details

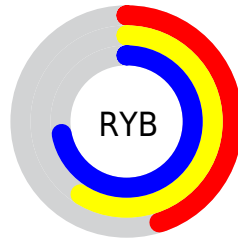
The RYB color **115, 150, 184** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **184, 115, 117**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **170, 206, 240**, and **61, 97, 131** is the 20% darker color. If you saturate the color by 10%, you get **97, 141, 184**, and if you desaturate by 10%, it is **133, 159, 184**.

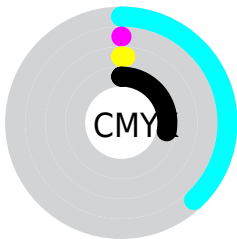
Distribution



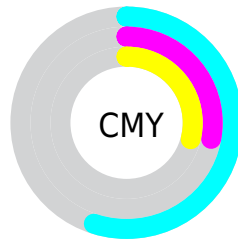
- Red (45%)
- Green (72%)
- Blue (71%)



- Red (45%)
- Yellow (59%)
- Blue (72%)



- Cyan (38%)
- Magenta (0%)
- Yellow (1%)
- Black (28%)



- Cyan (55%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 150, 184 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, 150, 184 by changing the saturation by 10% instead.

 115, 150, 184


255, 255, 255

 170, 206, 240

 198, 227, 255

 227, 241, 255

 115, 150, 184

 88, 123, 157

 61, 97, 131

 32, 69, 105

 0, 41, 81

 0, 29, 58

 0, 18, 36

 0, 3, 15

 0, 0, 0

 115, 150, 184

 115, 150, 184

■ 97, 141, 184

■ 133, 159, 184

■ 78, 132, 184

■ 152, 168, 184

■ 60, 123, 184

■ 170, 177, 184

■ 41, 114, 184

■ 189, 184, 184

■ 23, 105, 184

■ 207, 184, 185

■ 5, 96, 184

■ 225, 184, 185

■ 0, 93, 184

■ 244, 184, 186

■ 255, 184, 186

■ 255, 184, 187

Harmonies

Analogous

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



131, 164, 183



115, 150, 184



115, 153, 201

Triad

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



115, 150, 184



188, 163, 202



188, 197, 132

Complementary

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



115, 150, 184



184, 115, 117

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.



211, 167, 144



115, 150, 184



207, 158, 184

Square

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



115, 150, 184



161, 169, 212



215, 157, 162



135, 177, 132

Rectangle

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



115, 150, 184



126, 158, 209



215, 157, 162



203, 189, 135

Sweetspot

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



115, 150, 184



213, 227, 240



115, 184, 182



104, 112, 120



247, 247, 247



120, 120, 120

Same Dimension

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



115, 150, 184



132, 187, 240



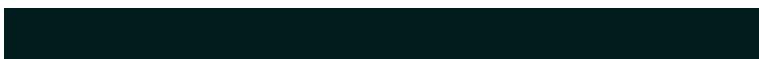
115, 139, 184



83, 88, 92



0, 79, 156



0, 14, 28

Inverse Universe

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



184, 115, 117



240, 132, 135



184, 175, 115



92, 83, 83



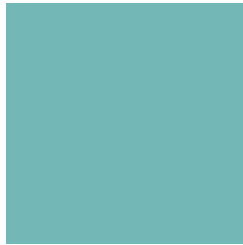
156, 0, 4



28, 0, 1

Previews

White Background



This preview shows how the RYB color 115, 150, 184 looks on a white background.

Color Contrast Check

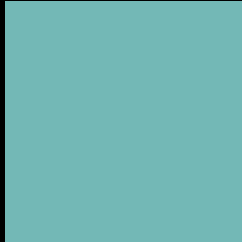
Large Text (above 18pt) WCAG AA × Fail

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, 150, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

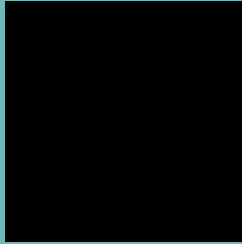
Any Text WCAG AA ✓ Pass

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, 150, 184 Background



This preview shows how black text looks on a background with the RYB color 115, 150, 184.

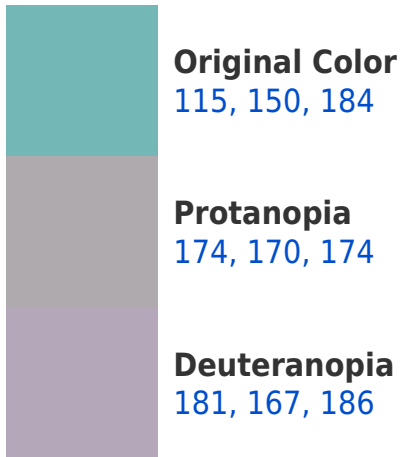


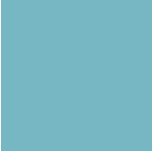
This preview shows how white text looks on a background with the RYB color 115, 150, 184.

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](#).

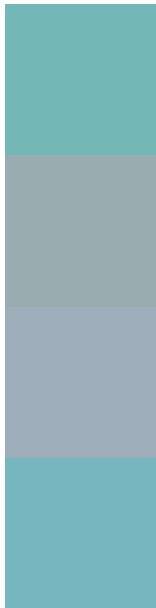
Dichromacy





Tritanopia
119, 154, 196

Trichromacy



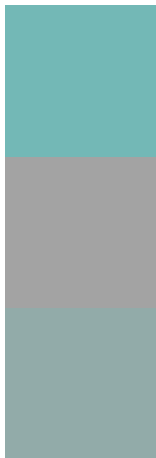
Original Color
115, 150, 184

Protanomaly
153, 164, 177

Deuteranomaly
157, 167, 185

Tritanomaly
118, 152, 191

Monochromacy



Original Color
115, 150, 184

Achromatopsia
163, 163, 163

Achromatomaly
146, 159, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 115, 150, 184 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, 184, 182)` looks like.

```
.text, #text, p{  
    color:rgb(115, 184, 182)  
}
```

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, 184, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 184, 182) }
```

Border

The CSS property to change the border of an element to RYB 115, 150, 184 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, 184, 182) }
```

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

```
.border{ border-color:rgb(115, 184, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 184, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 184, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 184, 182);  
box-shadow:4px 4px 4px 4px rgb(115, 184,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 115, 150, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 184, 182) }
```

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

```
.background{ background-color: rgb(115,  
184, 182) }
```

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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