

Converting Colors

`RYB(115, 188, 198)`

Have a look what the booklet for
RYB(115, 188, 198) contains.

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Color

R_YB(115, 188, 198)

Conversions

Conversions Part 1

Format	Color
Hex	73C67E
RGB	115, 198, 126
RGB Percent	45%, 78%, 49%
CMY	0.5490, 0.2235, 0.5044
CMYK	0.42, 0.00, 0.36, 0.22
HSL	128°, 42%, 61%
HSV	128°, 42%, 78%
XYZ	31.0541, 45.5489, 27.0191
YIQ	164.9750, -26.3560, -39.9880

Conversions

Conversions Part 2

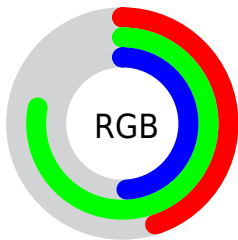
Format	Color
RYB	115, 188, 198
Decimal	7587454
CIELab	73.25, -40.33, 28.20
CIElCh	73, 49.215, 145.037
Yxy	45.5489, 0.2997, 0.4396
Android (android.graphics.Color)	4285777534 (0xFF73C67E)
YUV	164.9750, -19.2147, -43.8281
Hunter-Lab	67.4899, -35.9743, 23.5066

Details

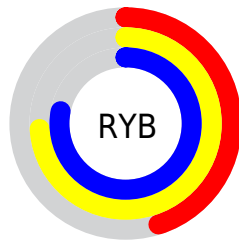
The RYB color **115, 188, 198** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **198, 115, 187**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **170, 247, 255**, and **60, 130, 143** is the 20% darker color. If you saturate the color by 10%, you get **95, 186, 198**, and if you desaturate by 10%, it is **135, 191, 198**.

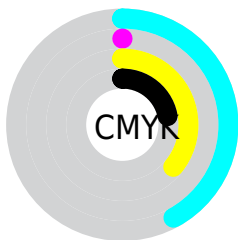
Distribution



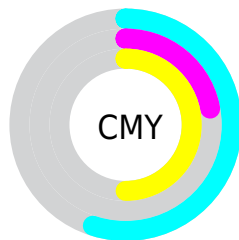
- Red (45%)
- Green (78%)
- Blue (49%)



- Red (45%)
- Yellow (74%)
- Blue (78%)



- Cyan (42%)
- Magenta (0%)
- Yellow (36%)
- Black (22%)



- Cyan (55%)
- Magenta (22%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 188, 198 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, 188, 198 by changing the saturation by 10% instead.

 115, 188, 198


255, 255, 255


 170, 246, 255


 199, 248, 255

 228, 249, 255

 115, 188, 198

 88, 159, 170

 60, 130, 143

 30, 99, 117

 0, 69, 92

 0, 62, 68


 0, 45, 45

 0, 20, 20


 0, 0, 0

 115, 188, 198


 115, 188, 198

 95, 186, 198


 135, 191, 198

 75, 183, 198


 155, 193, 198


 56, 181, 198

 174, 195, 198

 36, 179, 198

 194, 197, 198

 16, 176, 198

 214, 198, 212

 0, 174, 198

 234, 198, 229

 254, 198, 246

 255, 198, 255

Harmonies

Analogous

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



95, 189, 115



115, 188, 198



14, 117, 203

Triad

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



115, 188, 198



85, 149, 255



255, 145, 144

Complementary

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



115, 188, 198



198, 115, 187

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.



255, 143, 189



115, 188, 198



172, 171, 255

Square

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



115, 188, 198



0, 111, 253



229, 154, 232



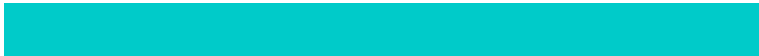
248, 187, 107

Rectangle

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



115, 188, 198



0, 102, 203



229, 154, 232



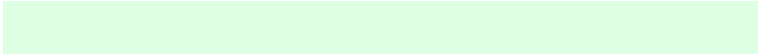
255, 143, 159

Sweetspot

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



115, 188, 198



222, 251, 255



115, 198, 126



107, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



115, 188, 198



128, 240, 255



115, 166, 198



90, 98, 99



0, 144, 163



0, 32, 36

Inverse Universe

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



198, 115, 187



255, 128, 238



198, 115, 145



99, 90, 98



163, 0, 141



36, 0, 31

Previews

White Background



This preview shows how the RYB color 115, 188, 198 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, 188, 198 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, 188, 198 Background



This preview shows how black text looks on a background with the RYB color 115, 188, 198.

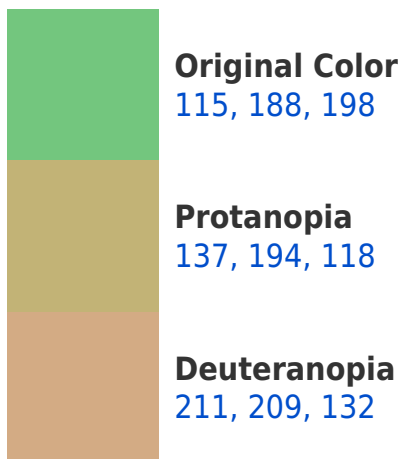


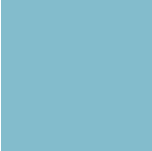
This preview shows how white text looks on a background with the RYB color 115, 188, 198.

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
131, 163, 204

Trichromacy



Original Color

115, 188, 198



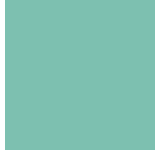
Protanomaly

121, 186, 142



Deuteranomaly

130, 181, 135



Tritanomaly

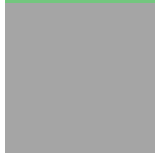
125, 163, 192

Monochromacy



Original Color

115, 188, 198



Achromatopsia

165, 165, 165



Achromatomaly

147, 173, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 115, 188, 198 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, 198, 126)` looks like.

```
.text, #text, p{  
    color:rgb(115, 198, 126)  
}
```

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, 198, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 198, 126) }
```

Border

The CSS property to change the border of an element to RYB 115, 188, 198 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, 198, 126) }
```

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

```
.border{ border-color:rgb(115, 198, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 198, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 198, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 198, 126);  
box-shadow:4px 4px 4px 4px rgb(115, 198,  
126) }
```

Background

The CSS property to change the background color of an element to RYB 115, 188, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 198, 126) }
```

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

```
.background{ background-color: rgb(115,  
198, 126) }
```

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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