

Converting Colors

`RYB(119, 166, 177)`

Have a look what the booklet for
RYB(119, 166, 177) contains.

RYB(119, 166, 177)	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(119, 166, 177)

Conversions

Conversions Part 1

Format	Color
Hex	77B185
RGB	119, 177, 133
RGB Percent	47%, 69%, 52%
CMY	0.5333, 0.3059, 0.4801
CMYK	0.33, 0.00, 0.25, 0.31
HSL	134°, 27%, 58%
HSV	134°, 33%, 69%
XYZ	27.5342, 37.0479, 27.7362
YIQ	154.6420, -20.4440, -25.9800

Conversions

Conversions Part 2

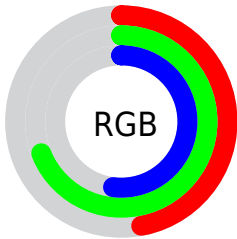
Format	Color
RYB	119, 166, 177
Decimal	7844229
CIELab	67.31, -28.27, 16.86
CIELCh	67, 32.916, 149.188
Yxy	37.0479, 0.2983, 0.4013
Android (android.graphics.Color)	4286034309 (0xFF77B185)
YUV	154.6420, -10.6695, -31.2580
Hunter-Lab	60.8670, -25.7699, 15.5893

Details

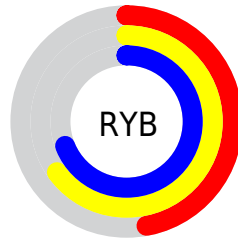
The RYB color **119, 166, 177** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **177, 119, 163**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **173, 222, 233**, and **68, 112, 124** is the 20% darker color. If you saturate the color by 10%, you get **101, 162, 177**, and if you desaturate by 10%, it is **137, 170, 177**.

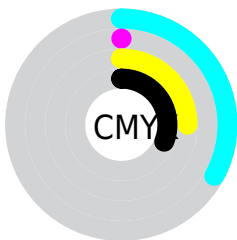
Distribution



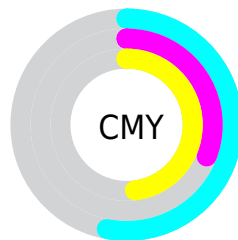
- Red (47%)
- Green (69%)
- Blue (52%)



- Red (47%)
- Yellow (65%)
- Blue (69%)



- Cyan (33%)
- Magenta (0%)
- Yellow (25%)
- Black (31%)



- Cyan (53%)
- Magenta (31%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 119, 166, 177 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 119, 166, 177 by changing the saturation by 10% instead.

 119, 166, 177


255, 255, 255


 173, 222, 233

 201, 245, 255

 229, 246, 255

 119, 166, 177

 93, 139, 150

 68, 112, 124

 43, 86, 99

 15, 59, 75


 0, 38, 51

 0, 32, 32


 0, 0, 0

 119, 166, 177


 101, 162, 177


 119, 166, 177


 137, 170, 177


 84, 160, 177


 154, 172, 177

 66, 156, 177


 172, 176, 177

 48, 153, 177

 190, 177, 187

 31, 149, 177

 208, 177, 200

 13, 146, 177

 225, 177, 214

 0, 144, 177

 243, 177, 227

 255, 177, 241

 255, 177, 255

Harmonies

Analogous

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



111, 171, 128



119, 166, 177



83, 136, 180

Triad

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



119, 166, 177



122, 153, 223



222, 145, 136

Complementary

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



119, 166, 177



177, 119, 163

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.



219, 141, 166



119, 166, 177



167, 157, 216

Square

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



119, 166, 177



77, 134, 214



201, 147, 195



209, 177, 114

Rectangle

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



119, 166, 177



63, 122, 182



201, 147, 195



223, 142, 146

Sweetspot

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



119, 166, 177



207, 226, 230



119, 177, 133



101, 113, 115



242, 242, 242



115, 115, 115

Same Dimension

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



119, 166, 177



140, 213, 230



119, 152, 177



80, 87, 89



0, 124, 153



0, 21, 26

Inverse Universe

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



177, 119, 163



230, 140, 209



177, 119, 134



89, 80, 87



153, 0, 117



26, 0, 20

Previews

White Background



This preview shows how the RYB color 119, 166, 177 looks on a white background.

Color Contrast Check

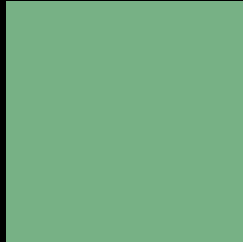
Large Text (above 18pt) WCAG AA × Fail

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 119, 166, 177 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 119, 166, 177 Background



This preview shows how black text looks on a background with the RYB color 119, 166, 177.

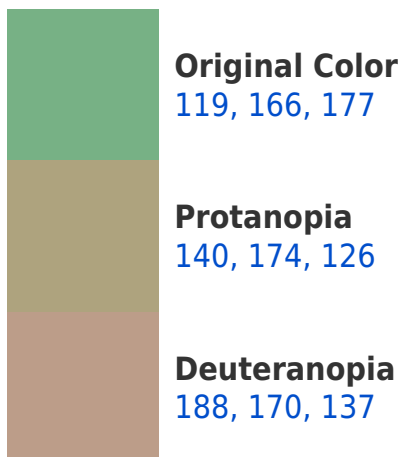



This preview shows how white text looks on a background with the RYB color 119, 166, 177.

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
129, 152, 184

Trichromacy



Original Color

119, 166, 177

Protanomaly

128, 168, 142

Deuteranomaly

135, 164, 136

Tritanomaly

125, 151, 173

Monochromacy



Original Color

119, 166, 177

Achromatopsia

155, 155, 155

Achromatomaly

142, 159, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 119, 166, 177 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(119, 177, 133)` looks like.

```
.text, #text, p{  
    color:rgb(119, 177, 133)  
}
```

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(119, 177, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 177, 133) }
```

Border

The CSS property to change the border of an element to RYB 119, 166, 177 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(119, 177, 133) }
```

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

```
.border{ border-color:rgb(119, 177, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 177, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 177, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 177, 133);  
box-shadow:4px 4px 4px 4px rgb(119, 177,  
133) }
```

Background

The CSS property to change the background color of an element to RYB 119, 166, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 177, 133) }
```

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

```
.background{ background-color: rgb(119,  
177, 133) }
```

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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