

Converting Colors

`RYB(107, 153, 177)`

Have a look what the booklet for
RYB(107, 153, 177) contains.

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Color

R_YB(107, 153, 177)

Conversions

Conversions Part 1

Format	Color
Hex	6BB190
RGB	107, 177, 144
RGB Percent	42%, 69%, 56%
CMY	0.5804, 0.3059, 0.4372
CMYK	0.40, 0.00, 0.19, 0.31
HSL	151°, 31%, 56%
HSV	151°, 40%, 69%
XYZ	26.7831, 36.5691, 31.8412
YIQ	152.3080, -31.1270, -25.1030

Conversions

Conversions Part 2

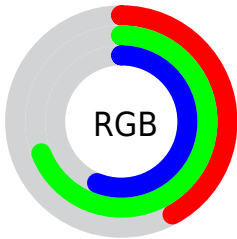
Format	Color
RYB	107, 153, 177
Decimal	7057808
CIELab	66.95, -29.75, 10.27
CIElCh	67, 31.475, 160.956
Yxy	36.5691, 0.2814, 0.3842
Android (android.graphics.Color)	4285247888 (0xFF6BB190)
YUV	152.3080, -4.0958, -39.7351
Hunter-Lab	60.4724, -26.7694, 11.1120

Details

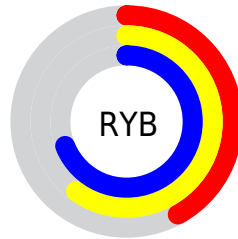
The RYB color **107, 153, 177** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **177, 107, 140**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **161, 209, 233**, and **54, 99, 124** is the 20% darker color. If you saturate the color by 10%, you get **89, 147, 177**, and if you desaturate by 10%, it is **125, 159, 177**.

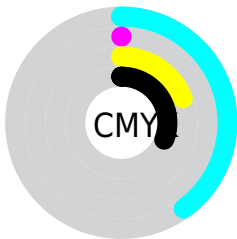
Distribution



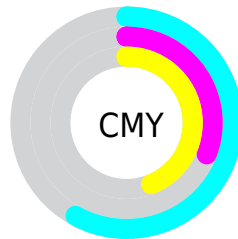
- Red (42%)
- Green (69%)
- Blue (56%)



- Red (42%)
- Yellow (60%)
- Blue (69%)



- Cyan (40%)
- Magenta (0%)
- Yellow (19%)
- Black (31%)



- Cyan (58%)
- Magenta (31%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 107, 153, 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 107, 153, 177 by changing the saturation by 10% instead.

 107, 153, 177


255, 255, 255


 161, 209, 233

 189, 232, 255

 217, 236, 255

 246, 251, 255


 107, 153, 177


 81, 126, 150

 54, 99, 124

 26, 72, 99


 0, 45, 74


 0, 34, 51

 0, 32, 32


 0, 0, 0

 107, 153, 177


 89, 147, 177


 107, 153, 177


 125, 159, 177

 72, 141, 177


 142, 165, 177

 54, 135, 177


 160, 171, 177

 36, 128, 177


 178, 177, 177


 18, 122, 177

 196, 177, 186

 1, 117, 177

 213, 177, 194

 0, 116, 177

 231, 177, 203

 249, 177, 211

 255, 177, 220

Harmonies

Analogous

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



119, 172, 150



107, 153, 177



76, 128, 178

Triad

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



107, 153, 177



141, 158, 218



215, 151, 127

Complementary

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



107, 153, 177



177, 107, 140

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, 142, 153



107, 153, 177



180, 152, 206

Square

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



107, 153, 177



97, 143, 216



207, 144, 182



194, 198, 110

Rectangle

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



107, 153, 177



66, 125, 191



207, 144, 182



218, 145, 135

Sweetspot

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



107, 153, 177



202, 221, 230



107, 177, 143



99, 110, 115



242, 242, 242



115, 115, 115

Same Dimension

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



107, 153, 177



122, 193, 230



107, 142, 177



80, 86, 89



0, 100, 153



0, 17, 26

Inverse Universe

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



177, 107, 140



230, 122, 173



177, 108, 107



89, 80, 85



153, 0, 73



26, 0, 12

Previews

White Background



This preview shows how the RYB color 107, 153, 177 looks on a white background.

Color Contrast Check

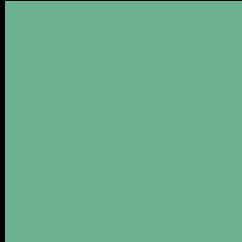
Large Text (above 18pt) WCAG AA × Fail

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 107, 153, 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 107, 153, 177 Background



This preview shows how black text looks on a background with the RYB color 107, 153, 177.

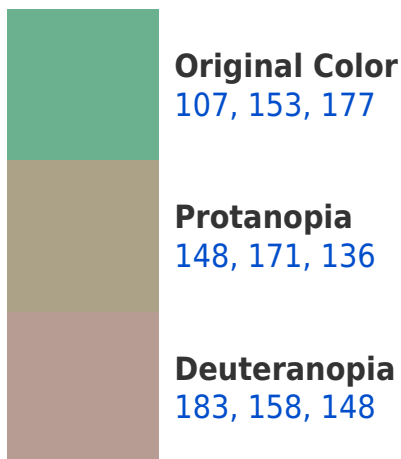


This preview shows how white text looks on a background with the RYB color 107, 153, 177.

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
117, 147, 185

Trichromacy



Original Color

107, 153, 177



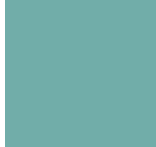
Protanomaly

139, 167, 158



Deuteranomaly

146, 164, 155



Tritanomaly

113, 144, 173

Monochromacy



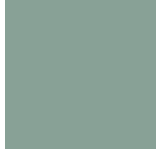
Original Color

107, 153, 177



Achromatopsia

152, 152, 152



Achromatomaly

136, 152, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 107, 153, 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(107, 177, 144)` looks like.

```
.text, #text, p{  
    color:rgb(107, 177, 144)  
}
```

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(107, 177, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 177, 144) }
```

Border

The CSS property to change the border of an element to RYB 107, 153, 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(107, 177, 144) }
```

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

```
.border{ border-color:rgb(107, 177, 144) }
```

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

Here you see how a box with a 4 pixel rgb(107, 177, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 177, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 177, 144);  
box-shadow:4px 4px 4px 4px rgb(107, 177,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 107, 153, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 177, 144) }
```

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

```
.background{ background-color: rgb(107,  
177, 144) }
```

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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