

Converting Colors

`RYB(103, 162, 185)`

Have a look what the booklet for
RYB(103, 162, 185) contains.

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Color

R_YB(103, 162, 185)

Conversions

Conversions Part 1

Format	Color
Hex	67B987
RGB	103, 185, 135
RGB Percent	40%, 73%, 53%
CMY	0.5961, 0.2745, 0.4707
CMYK	0.44, 0.00, 0.27, 0.27
HSL	143°, 37%, 56%
HSV	143°, 44%, 73%
XYZ	27.3133, 39.3298, 29.0610
YIQ	154.7820, -32.8220, -32.9340

Conversions

Conversions Part 2

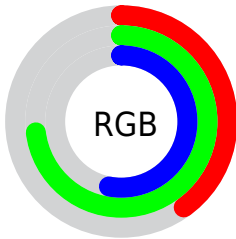
Format	Color
RYB	103, 162, 185
Decimal	6797703
CIELab	68.99, -36.38, 17.76
CIElCh	69, 40.489, 153.977
Yxy	39.3298, 0.2854, 0.4110
Android (android.graphics.Color)	4284987783 (0xFF67B987)
YUV	154.7820, -9.7525, -45.4128
Hunter-Lab	62.7135, -32.0074, 16.4248

Details

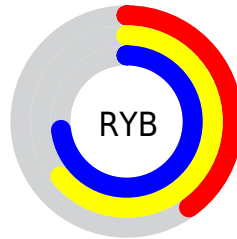
The RYB color **103, 162, 185** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **185, 103, 153**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **158, 220, 242**, and **48, 105, 131** is the 20% darker color. If you saturate the color by 10%, you get **85, 157, 185**, and if you desaturate by 10%, it is **122, 168, 185**.

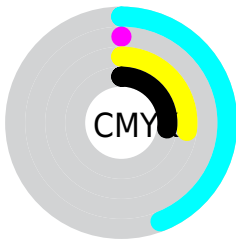
Distribution



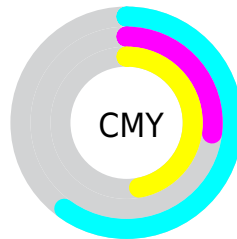
- Red (40%)
- Green (73%)
- Blue (53%)



- Red (40%)
- Yellow (64%)
- Blue (73%)



- Cyan (44%)
- Magenta (0%)
- Yellow (27%)
- Black (27%)



- Cyan (60%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 103, 162, 185 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 103, 162, 185 by changing the saturation by 10% instead.

 103, 162, 185

255, 255, 255


 158, 220, 242


 186, 234, 255

 215, 238, 255

 244, 250, 255

 103, 162, 185

 76, 134, 158

 48, 105, 131

 14, 74, 106


 0, 55, 81

 0, 43, 57


 0, 37, 37


 0, 0, 0

 103, 162, 185


 85, 157, 185

 103, 162, 185


 122, 168, 185

 66, 152, 185


 140, 172, 185


 48, 147, 185

 159, 178, 185


 29, 141, 185

 177, 183, 185


 10, 136, 185

 196, 185, 191

 0, 133, 185

 214, 185, 203

 233, 185, 214

 251, 185, 225

 255, 185, 237

Harmonies

Analogous

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



106, 178, 136



103, 162, 185



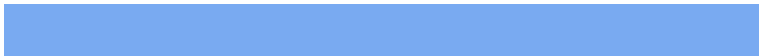
41, 119, 188

Triad

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



103, 162, 185



121, 156, 241



236, 146, 129

Complementary

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



103, 162, 185



185, 103, 153

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.



238, 139, 165



103, 162, 185



179, 157, 229

Square

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



103, 162, 185



43, 123, 233



218, 145, 201



218, 198, 103

Rectangle

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



103, 162, 185



0, 96, 197



218, 145, 201



239, 141, 140

Sweetspot

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



103, 162, 185



209, 231, 240



103, 185, 134



101, 115, 120



247, 247, 247



120, 120, 120

Same Dimension

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



103, 162, 185



113, 205, 240



103, 147, 185



83, 90, 92



0, 112, 156



0, 20, 28

Inverse Universe

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



185, 103, 153



240, 113, 190



185, 103, 113



92, 83, 88



156, 0, 95



28, 0, 17

Previews

White Background



This preview shows how the RYB color 103, 162, 185 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 103, 162, 185 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 103, 162, 185 Background



This preview shows how black text looks on a background with the RYB color 103, 162, 185.

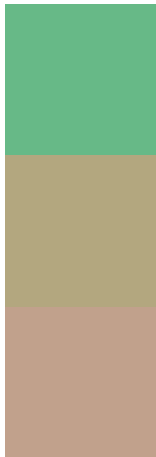


This preview shows how white text looks on a background with the RYB color 103, 162, 185.

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



Original Color
103, 162, 185

Protanopia
143, 179, 127

Deuteranopia
193, 175, 140



Tritanopia
117, 151, 192

Trichromacy



Original Color

103, 162, 185



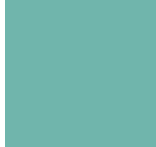
Protanomaly

130, 174, 153



Deuteranomaly

138, 170, 148



Tritanomaly

112, 149, 181

Monochromacy



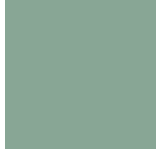
Original Color

103, 162, 185



Achromatopsia

155, 155, 155



Achromatomaly

136, 157, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 103, 162, 185 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(103, 185, 135)` looks like.

```
.text, #text, p{  
    color:rgb(103, 185, 135)  
}
```

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(103, 185, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 185, 135) }
```

Border

The CSS property to change the border of an element to RYB 103, 162, 185 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(103, 185, 135) }
```

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

```
.border{ border-color:rgb(103, 185, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 185, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 185, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 185, 135);  
box-shadow:4px 4px 4px 4px rgb(103, 185,  
135) }
```

Background

The CSS property to change the background color of an element to RYB 103, 162, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 185, 135) }
```

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

```
.background{ background-color: rgb(103,  
185, 135) }
```

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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