

Converting Colors

RGB(103, 200, 155)

Have a look what the booklet for
RGB(103, 200, 155) contains.

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Color

RGB(103, 200, 155)

Conversions

Conversions Part 1

Format	Color
Hex	67C89B
RGB	103, 200, 155
RGB Percent	40%, 78%, 61%
CMY	0.5961, 0.2157, 0.3922
CMYK	0.48, 0.00, 0.23, 0.22
HSL	152°, 47%, 59%
HSV	152°, 48%, 78%
XYZ	32.1642, 46.5587, 38.3018
YIQ	165.8670, -43.3670, -34.5590

Conversions

Conversions Part 2

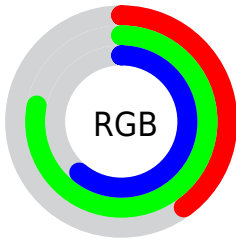
Format	Color
RYB	103, 166, 200
Decimal	6801563
CIELab	73.91, -39.10, 13.83
CIELCh	74, 41.472, 160.523
Yxy	46.5587, 0.2748, 0.3979
Android (android.graphics.Color)	4284991643 (0xFF67C89B)
YUV	165.8670, -5.3574, -55.1344
Hunter-Lab	68.2339, -35.2678, 14.4824

Details

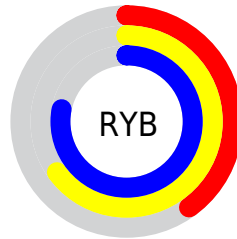
The RGB color **103, 200, 155** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **200, 103, 148**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **159, 255, 210**, and **44, 145, 104** is the 20% darker color. If you saturate the color by 10%, you get **83, 200, 146**, and if you desaturate by 10%, it is **123, 200, 164**.

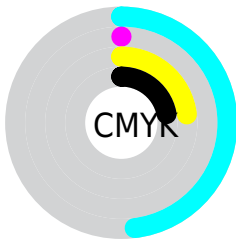
Distribution



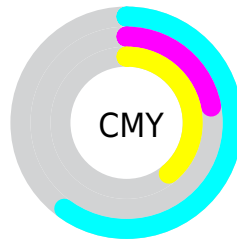
- Red (40%)
- Green (78%)
- Blue (61%)



- Red (40%)
- Yellow (65%)
- Blue (78%)



- Cyan (48%)
- Magenta (0%)
- Yellow (23%)
- Black (22%)



- Cyan (60%)
- Magenta (22%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 103, 200, 155 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 RGB color 103, 200, 155 by changing the saturation by 10% instead.

 103, 200, 155

255, 255, 255


 159, 255, 210


 188, 255, 238


 217, 255, 255

 246, 255, 255

 103, 200, 155

 75, 172, 129


 44, 145, 104

 0, 119, 80

 0, 94, 57

 0, 69, 35

 0, 46, 14

 0, 22, 0

 0, 0, 0

 103, 200, 155

 103, 200, 155

 83, 200, 146

 123, 200, 164

 63, 200, 136

 143, 200, 174

 43, 200, 127

 163, 200, 183

 23, 200, 118

 183, 200, 192

 3, 200, 109

 203, 200, 201

 0, 200, 107

 223, 200, 211

 243, 200, 220

 255, 200, 229

 255, 200, 239

Harmonies

Analogous

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



152, 194, 122



103, 200, 155



39, 202, 194

Triad

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



103, 200, 155



148, 181, 255



250, 158, 134

Complementary

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



103, 200, 155



200, 103, 148

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, 152, 170



103, 200, 155



203, 167, 240

Square

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



103, 200, 155



77, 192, 253



240, 155, 208



227, 171, 110

Rectangle

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



103, 200, 155



0, 201, 219



240, 155, 208



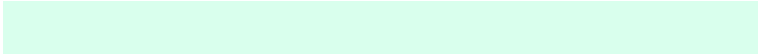
254, 155, 145

Sweetspot

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



103, 200, 155



217, 255, 237



148, 200, 103



105, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



103, 200, 155



107, 255, 186



103, 197, 200



90, 99, 95



0, 163, 87



0, 36, 19

Inverse Universe

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



200, 103, 148



255, 107, 176



200, 106, 103



99, 90, 94



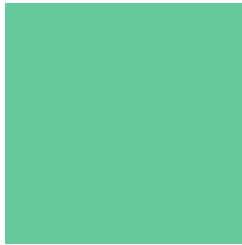
163, 0, 76



36, 0, 17

Previews

White Background



This preview shows how the RGB color 103, 200, 155 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 RGB color 103, 200, 155 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](#).

RGB 103, 200, 155 Background



This preview shows how black text looks on a background with the RGB color 103, 200, 155.

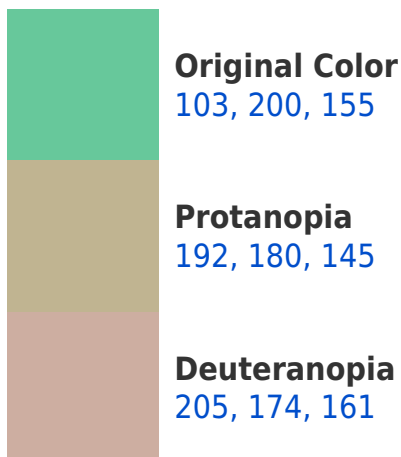


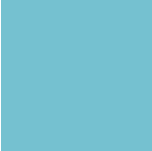
This preview shows how white text looks on a background with the RGB color 103, 200, 155.

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, 193, 208

Trichromacy



Original Color

103, 200, 155



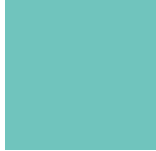
Protanomaly

160, 187, 149



Deuteranomaly

168, 183, 159



Tritanomaly

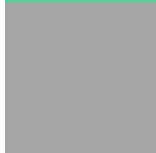
112, 196, 189

Monochromacy



Original Color

103, 200, 155



Achromatopsia

166, 166, 166



Achromatomaly

143, 178, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 103, 200, 155 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, 200, 155)` looks like.

```
.text, #text, p{  
    color:rgb(103, 200, 155)  
}
```

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, 200, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 200, 155) }
```

Border

The CSS property to change the border of an element to RGB 103, 200, 155 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, 200, 155) }
```

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

```
.border{ border-color:rgb(103, 200, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 200, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 200, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 200, 155);  
box-shadow:4px 4px 4px 4px rgb(103, 200,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 103, 200, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 200, 155) }
```

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

```
.background{ background-color: rgb(103,  
200, 155) }
```

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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