

Converting Colors

`RYB(103, 203, 179)`

Have a look what the booklet for
RYB(103, 203, 179) contains.

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Color

R_YB(103, 203, 179)

Conversions

Conversions Part 1

Format	Color
Hex	7FCB67
RGB	127, 203, 103
RGB Percent	50%, 80%, 40%
CMY	0.5020, 0.2039, 0.5961
CMYK	0.37, 0.00, 0.49, 0.20
HSL	106°, 49%, 60%
HSV	106°, 49%, 80%
XYZ	32.5565, 48.2032, 20.4202
YIQ	168.8760, -13.1960, -47.2120

Conversions

Conversions Part 2

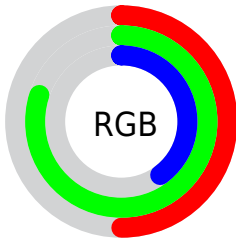
Format	Color
RYB	103, 203, 179
Decimal	8375143
CIELab	74.95, -42.20, 42.34
CIElCh	75, 59.774, 134.907
Yxy	48.2032, 0.3218, 0.4764
Android (android.graphics.Color)	4286565223 (0xFF7FCB67)
YUV	168.8760, -32.4769, -36.7253
Hunter-Lab	69.4285, -37.7974, 31.1617

Details

The RYB color **103, 203, 179** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **179, 103, 203**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **156, 255, 228**, and **52, 148, 128** is the 20% darker color. If you saturate the color by 10%, you get **83, 203, 174**, and if you desaturate by 10%, it is **123, 203, 184**.

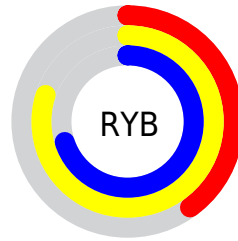
Distribution



Red (50%)

Green (80%)

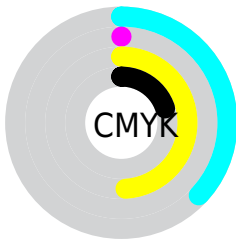
Blue (40%)



Red (40%)

Yellow (80%)

Blue (70%)

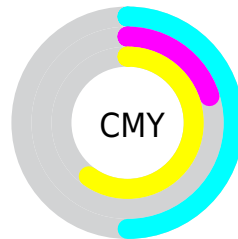


Cyan (37%)

Magenta (0%)

Yellow (49%)

Black (20%)



Cyan (50%)

Magenta (20%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 103, 203, 179 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, 203, 179 by changing the saturation by 10% instead.

 103, 203, 179

255, 255, 255


 156, 255, 228


 183, 255, 226


 212, 255, 226

 240, 255, 240

 103, 203, 179

 77, 175, 152

 52, 148, 128

 26, 122, 105

 0, 97, 94

 0, 72, 72

 0, 49, 49

 0, 26, 26

 0, 0, 0

 103, 203, 179

 103, 203, 179

■ 83, 203, 174

■ 123, 203, 184

■ 62, 203, 169

■ 144, 203, 189

■ 42, 203, 164

■ 164, 203, 194

■ 22, 203, 160

■ 184, 203, 198

■ 2, 203, 155

■ 204, 203, 205

■ 0, 203, 154

■ 220, 203, 225

■ 235, 203, 245

■ 250, 203, 255

■ 255, 203, 255

Harmonies

Analogous

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



72, 190, 73



103, 203, 179



0, 121, 210

Triad

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



103, 203, 179



0, 111, 255



255, 137, 159

Complementary

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



103, 203, 179



179, 103, 203

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, 140, 215



103, 203, 179



138, 169, 255

Square

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



103, 203, 179



0, 115, 255



223, 159, 255



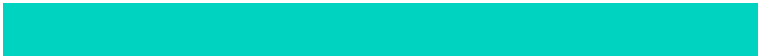
255, 168, 109

Rectangle

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



103, 203, 179



0, 111, 212



223, 159, 255



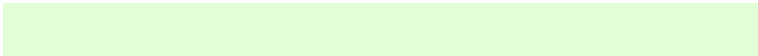
255, 136, 178

Sweetspot

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



103, 203, 179



217, 255, 246



136, 203, 103



105, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



103, 203, 179



105, 255, 219



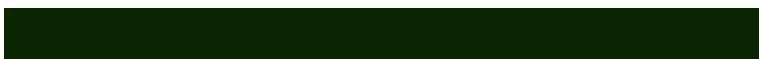
103, 183, 203



92, 102, 100



0, 166, 126



0, 38, 29

Inverse Universe

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



179, 103, 203



219, 105, 255



203, 103, 178



100, 92, 102



126, 0, 166



29, 0, 38

Previews

White Background



This preview shows how the RYB color 103, 203, 179 looks on a white background.

Color Contrast Check

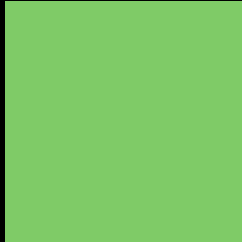
Large Text (above 18pt) WCAG AA × Fail

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, 203, 179 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, 203, 179 Background



This preview shows how black text looks on a background with the RYB color 103, 203, 179.

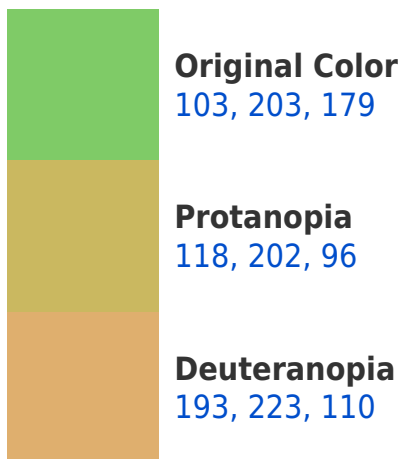


This preview shows how white text looks on a background with the RYB color 103, 203, 179.

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
145, 171, 207

Trichromacy



Original Color

103, 203, 179



Protanomaly

99, 191, 115



Deuteranomaly

110, 188, 107



Tritanomaly

138, 175, 195

Monochromacy



Original Color

103, 203, 179



Achromatopsia

169, 169, 169



Achromatomaly

145, 181, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 103, 203, 179 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(127, 203, 103)` looks like.

```
.text, #text, p{  
    color:rgb(127, 203, 103)  
}
```

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(127, 203, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 203, 103) }
```

Border

The CSS property to change the border of an element to RYB 103, 203, 179 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(127, 203, 103) }
```

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

```
.border{ border-color:rgb(127, 203, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 203, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 203, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 203, 103); box-shadow:4px 4px 4px 4px rgb(127, 203, 103) }
```

Background

The CSS property to change the background color of an element to RYB 103, 203, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 203, 103) }
```

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

```
.background{ background-color: rgb(127,  
203, 103) }
```

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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