

Converting Colors

`RYB(103, 198, 182)`

Have a look what the booklet for
RYB(103, 198, 182) contains.

RYB(103, 198, 182)	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(103, 198, 182)

Conversions

Conversions Part 1

Format	Color
Hex	77C667
RGB	119, 198, 103
RGB Percent	47%, 78%, 40%
CMY	0.5333, 0.2235, 0.5961
CMYK	0.40, 0.00, 0.48, 0.22
HSL	110°, 45%, 59%
HSV	110°, 48%, 78%
XYZ	30.2500, 45.2894, 19.9793
YIQ	163.5490, -16.5890, -46.2930

Conversions

Conversions Part 2

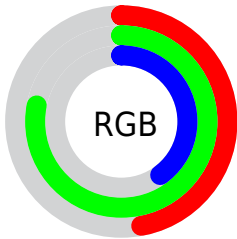
Format	Color
RYB	103, 198, 182
Decimal	7849575
CIELab	73.08, -42.60, 39.94
CIElCh	73, 58.394, 136.845
Yxy	45.2894, 0.3167, 0.4741
Android (android.graphics.Color)	4286039655 (0xFF77C667)
YUV	163.5490, -29.8507, -39.0695
Hunter-Lab	67.2974, -37.5351, 29.5061

Details

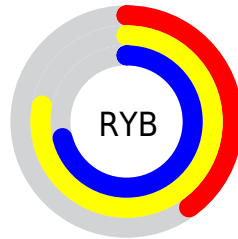
The RYB color **103, 198, 182** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **182, 103, 198**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **156, 255, 236**, and **53, 143, 132** is the 20% darker color. If you saturate the color by 10%, you get **83, 198, 178**, and if you desaturate by 10%, it is **123, 198, 186**.

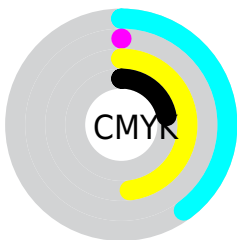
Distribution



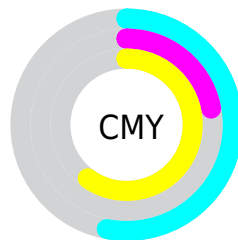
- Red (47%)
- Green (78%)
- Blue (40%)



- Red (40%)
- Yellow (78%)
- Blue (71%)



- Cyan (40%)
- Magenta (0%)
- Yellow (48%)
- Black (22%)



- Cyan (53%)
- Magenta (22%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 103, 198, 182 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, 198, 182 by changing the saturation by 10% instead.

 103, 198, 182

255, 255, 255


 156, 255, 236


 183, 255, 235


 211, 255, 234


 240, 255, 240

 103, 198, 182

 78, 170, 156


 53, 143, 132

 27, 117, 110

 0, 92, 92


 0, 68, 68


 0, 45, 45

 0, 19, 19


 0, 0, 0

 103, 198, 182


 103, 198, 182

 83, 198, 178


 123, 198, 186

 63, 198, 175

 143, 198, 189


 44, 198, 172

 162, 198, 192

 24, 198, 169

 182, 198, 195


 4, 198, 165

 201, 198, 202

 0, 198, 165

 218, 198, 222

 234, 198, 242

 251, 198, 255

 255, 198, 255

Harmonies

Analogous

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



71, 186, 77



103, 198, 182



0, 117, 205

Triad

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



103, 198, 182



0, 110, 255



255, 134, 151

Complementary

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



103, 198, 182



182, 103, 198

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, 136, 205



103, 198, 182



141, 167, 255

Square

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



103, 198, 182



0, 113, 255



221, 153, 253



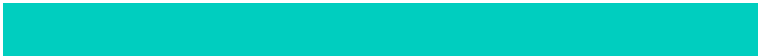
255, 167, 103

Rectangle

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



103, 198, 182



0, 107, 206



221, 153, 253



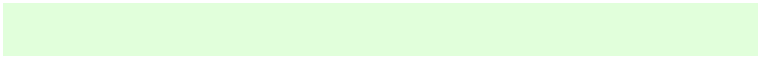
255, 132, 169

Sweetspot

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



103, 198, 182



219, 255, 249



124, 198, 103



106, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



103, 198, 182



107, 255, 230



103, 175, 198



90, 99, 98



0, 163, 136



0, 36, 30

Inverse Universe

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



182, 103, 198



230, 107, 255



198, 103, 168



98, 90, 99



136, 0, 163



30, 0, 36

Previews

White Background



This preview shows how the RYB color 103, 198, 182 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, 198, 182 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, 198, 182 Background



This preview shows how black text looks on a background with the RYB color 103, 198, 182.

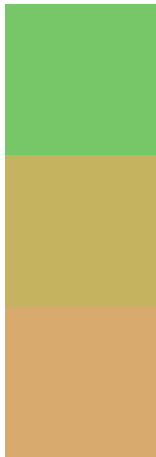


This preview shows how white text looks on a background with the RYB color 103, 198, 182.

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, 198, 182

Protanopia
118, 197, 96

Deuteranopia
191, 216, 110



Tritanopia
137, 165, 202

Trichromacy



Original Color

103, 198, 182



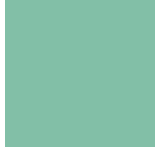
Protanomaly

99, 186, 116



Deuteranomaly

108, 181, 107



Tritanomaly

130, 168, 191

Monochromacy



Original Color

103, 198, 182



Achromatopsia

164, 164, 164



Achromatomaly

142, 176, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 103, 198, 182 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, 198, 103)` looks like.

```
.text, #text, p{  
    color:rgb(119, 198, 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(119, 198, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 198, 103) }
```

Border

The CSS property to change the border of an element to RYB 103, 198, 182 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, 198, 103) }
```

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

```
.border{ border-color:rgb(119, 198, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 198, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 198, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 198, 103);  
box-shadow:4px 4px 4px 4px rgb(119, 198,  
103) }
```

Background

The CSS property to change the background color of an element to RGB 103, 198, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 198, 103) }
```

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

```
.background{ background-color: rgb(119,  
198, 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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