

Converting Colors

`RYB(99, 199, 195)`

Have a look what the booklet for
RYB(99, 199, 195) contains.

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Color

R_YB(99, 199, 195)

Conversions

Conversions Part 1

Format	Color
Hex	67C763
RGB	103, 199, 99
RGB Percent	40%, 78%, 39%
CMY	0.5961, 0.2196, 0.6118
CMYK	0.48, 0.00, 0.50, 0.22
HSL	118°, 47%, 58%
HSV	118°, 50%, 78%
XYZ	28.2691, 44.6313, 18.9291
YIQ	158.8960, -25.1160, -51.4520

Conversions

Conversions Part 2

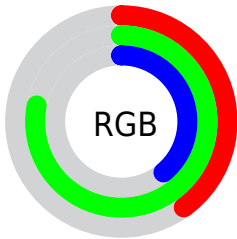
Format	Color
RYB	99, 199, 195
Decimal	6801251
CIELab	72.65, -48.35, 41.22
CIELCh	73, 63.536, 139.552
Yxy	44.6313, 0.3078, 0.4860
Android (android.graphics.Color)	4284991331 (0xFF67C763)
YUV	158.8960, -29.5287, -49.0208
Hunter-Lab	66.8066, -41.3797, 29.9653

Details

The RYB color **99, 199, 195** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **195, 99, 199**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **152, 255, 247**, and **43, 138, 144** is the 20% darker color. If you saturate the color by 10%, you get **79, 199, 194**, and if you desaturate by 10%, it is **119, 199, 196**.

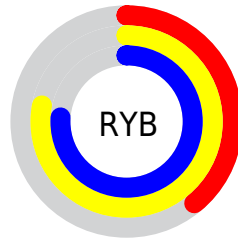
Distribution



Red (40%)

Green (78%)

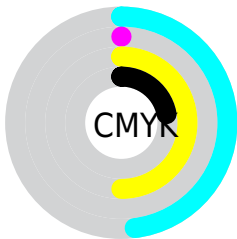
Blue (39%)



Red (39%)

Yellow (78%)

Blue (76%)

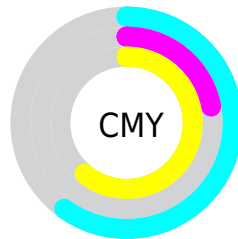


Cyan (48%)

Magenta (0%)

Yellow (50%)

Black (22%)



Cyan (60%)

Magenta (22%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the RYB color 99, 199, 195 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 99, 199, 195 by changing the saturation by 10% instead.



99, 199, 195



99, 199, 195

255, 255, 255



74, 171, 171



152, 255, 247



43, 138, 144



179, 255, 245



0, 99, 118



207, 255, 244



0, 92, 92



236, 255, 244



0, 68, 68



0, 46, 46



0, 17, 17




0, 0, 0




99, 199, 195




99, 199, 195

 79, 199, 194


 119, 199, 196


 59, 199, 193

 139, 199, 197

 39, 199, 192

 159, 199, 198

 19, 199, 191

 179, 199, 199

 0, 199, 191

 199, 199, 199

 218, 199, 218

 237, 199, 238

 255, 199, 255

Harmonies

Analogous

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



59, 187, 73



99, 199, 195



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.



99, 199, 195



0, 109, 255



255, 127, 143

Complementary

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



99, 199, 195



195, 99, 199

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, 128, 201



99, 199, 195



144, 166, 255

Square

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



99, 199, 195



0, 113, 255



229, 147, 254



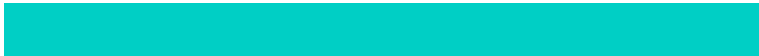
255, 172, 91

Rectangle

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



99, 199, 195



0, 106, 207



229, 147, 254



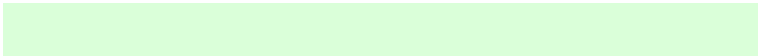
255, 125, 162

Sweetspot

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



99, 199, 195



217, 255, 254



104, 199, 99



105, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



99, 199, 195



102, 255, 249



99, 168, 199



90, 99, 99



0, 163, 156



0, 36, 35

Inverse Universe

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



195, 99, 199



249, 102, 255



199, 99, 154



99, 90, 99



157, 0, 163



34, 0, 36

Previews

White Background



This preview shows how the RYB color 99, 199, 195 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 99, 199, 195 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](#).

R Y B 99, 199, 195 Background



This preview shows how black text looks on a background with the RYB color 99, 199, 195.

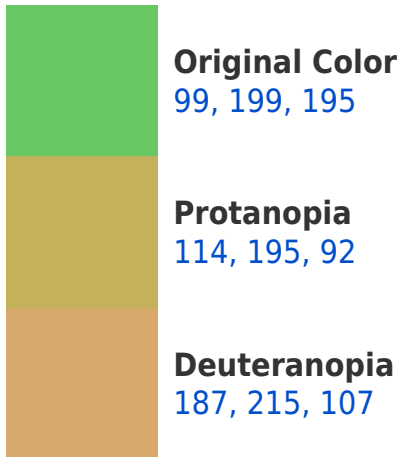


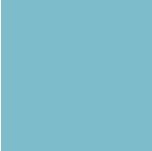
This preview shows how white text looks on a background with the RYB color 99, 199, 195.

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
125, 160, 203

Trichromacy



Original Color

99, 199, 195



Protanomaly

95, 185, 118



Deuteranomaly

104, 180, 110



Tritanomaly

117, 163, 192

Monochromacy



Original Color

99, 199, 195



Achromatopsia

159, 159, 159



Achromatomaly

137, 174, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 99, 199, 195 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, 199, 99)` looks like.

```
.text, #text, p{  
    color:rgb(103, 199, 99)  
}
```

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, 199, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 199, 99) }
```

Border

The CSS property to change the border of an element to RYB 99, 199, 195 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, 199, 99) }
```

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

```
.border{ border-color:rgb(103, 199, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 199, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 199, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 199, 99);  
box-shadow:4px 4px 4px 4px rgb(103, 199,  
99) }
```

Background

The CSS property to change the background color of an element to RGB 99, 199, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 199, 99) }
```

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

```
.background{ background-color: rgb(103,  
199, 99) }
```

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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