

Converting Colors

`RYB(99, 179, 184)`

Have a look what the booklet for
RYB(99, 179, 184) contains.

RYB(99, 179, 184)	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

RYB(99, 179, 184)

Conversions

Conversions Part 1

Format	Color
Hex	63B868
RGB	99, 184, 104
RGB Percent	39%, 72%, 41%
CMY	0.6118, 0.2784, 0.5909
CMYK	0.46, 0.00, 0.43, 0.28
HSL	124°, 37%, 55%
HSV	124°, 46%, 72%
XYZ	24.8007, 37.9395, 19.1960
YIQ	149.4650, -24.9800, -42.9000

Conversions

Conversions Part 2

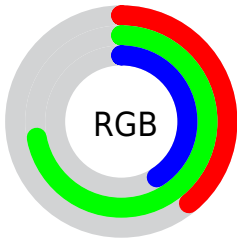
Format	Color
RYB	99, 179, 184
Decimal	6535272
CIELab	67.98, -42.46, 32.64
CIElCh	68, 53.556, 142.449
Yxy	37.9395, 0.3027, 0.4630
Android (android.graphics.Color)	4284725352 (0xFF63B868)
YUV	149.4650, -22.4142, -44.2578
Hunter-Lab	61.5950, -35.9199, 24.6389

Details

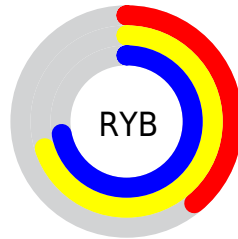
The RYB color **99, 179, 184** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **184, 99, 179**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **154, 239, 241**, and **42, 119, 130** is the 20% darker color. If you saturate the color by 10%, you get **81, 178, 184**, and if you desaturate by 10%, it is **117, 179, 184**.

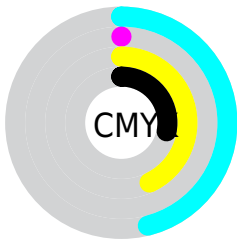
Distribution



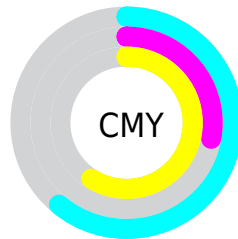
- Red (39%)
- Green (72%)
- Blue (41%)



- Red (39%)
- Yellow (70%)
- Blue (72%)



- Cyan (46%)
- Magenta (0%)
- Yellow (43%)
- Black (28%)





- Cyan (61%)
- Magenta (28%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the RYB color 99, 179, 184 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, 179, 184 by changing the saturation by 10% instead.


 99, 179, 184

 99, 179, 184

255, 255, 255

 71, 150, 157

 154, 238, 241

 42, 119, 130

 183, 254, 255

 0, 80, 104

 211, 254, 255


 0, 74, 80


 240, 255, 254


 0, 55, 55

 0, 35, 35


 0, 0, 0

 99, 179, 184


 99, 179, 184


 81, 178, 184


 117, 179, 184

 62, 176, 184

 136, 181, 184


 44, 176, 184

 154, 182, 184

 25, 175, 184

 173, 184, 184

 7, 174, 184

 191, 184, 191

 0, 173, 184

 209, 184, 208

 228, 184, 225

 246, 184, 242

 255, 184, 255

Harmonies

Analogous

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



72, 174, 88



99, 179, 184



0, 105, 189

Triad

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



99, 179, 184



0, 104, 255



255, 126, 131

Complementary

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



99, 179, 184



184, 99, 179

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.



248, 125, 180



99, 179, 184



148, 157, 255

Square

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



99, 179, 184



0, 105, 241



213, 138, 225



238, 168, 90

Rectangle

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



99, 179, 184



0, 96, 190



213, 138, 225



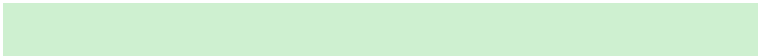
255, 124, 147

Sweetspot

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



99, 179, 184



206, 238, 240



99, 184, 103



99, 118, 120



247, 247, 247



120, 120, 120

Same Dimension

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



99, 179, 184



108, 232, 240



99, 154, 184



83, 92, 92



0, 147, 156



0, 26, 28

Inverse Universe

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



184, 99, 179



240, 108, 231



184, 99, 137



92, 83, 91



156, 0, 146



28, 0, 26

Previews

White Background



This preview shows how the RYB color 99, 179, 184 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, 179, 184 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 99, 179, 184 Background



This preview shows how black text looks on a background with the RYB color 99, 179, 184.

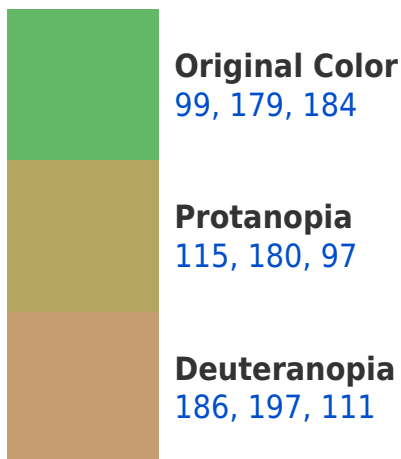


This preview shows how white text looks on a background with the RYB color 99, 179, 184.

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, 149, 188

Trichromacy



Original Color

99, 179, 184



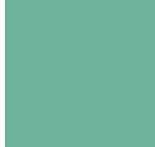
Protanomaly

100, 172, 121



Deuteranomaly

109, 167, 115



Tritanomaly

110, 150, 178

Monochromacy



Original Color

99, 179, 184



Achromatopsia

150, 150, 150



Achromatomaly

131, 160, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 99, 179, 184 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(99, 184, 104)` looks like.

```
.text, #text, p{  
    color:rgb(99, 184, 104)  
}
```

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(99, 184, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 184, 104) }
```

Border

The CSS property to change the border of an element to RYB 99, 179, 184 is called "border". The border property can be set on classes, ids or directly on the HTML element.

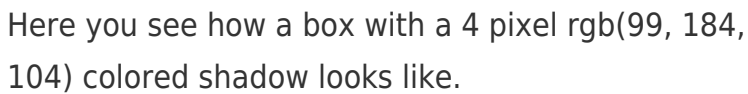
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(99, 184, 104) }
```

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

```
.border{ border-color:rgb(99, 184, 104) }
```

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



Here you see how a box with a 4 pixel `rgb(99, 184, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(99, 184, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(99, 184, 104); box-shadow:4px 4px 4px 4px rgb(99, 184, 104) }
```

Background

The CSS property to change the background color of an element to RGB 99, 179, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 184, 104) }
```

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

```
.background{ background-color: rgb(99, 184,  
104) }
```

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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