

Converting Colors

`RYB(84, 190, 198)`

Have a look what the booklet for
RYB(84, 190, 198) contains.

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Color

R_YB(84, 190, 198)

Conversions

Conversions Part 1

Format	Color
Hex	54C65D
RGB	84, 198, 93
RGB Percent	33%, 78%, 36%
CMY	0.6706, 0.2235, 0.6368
CMYK	0.58, 0.00, 0.53, 0.22
HSL	125°, 50%, 55%
HSV	125°, 58%, 78%
XYZ	25.8085, 43.0563, 17.2146
YIQ	151.9440, -34.2390, -56.8230

Conversions

Conversions Part 2

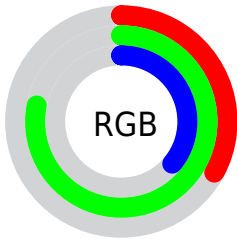
Format	Color
RYB	84, 190, 198
Decimal	5555805
CIELab	71.59, -53.78, 42.88
CIELCh	72, 68.781, 141.436
Yxy	43.0563, 0.2998, 0.5002
Android (android.graphics.Color)	4283745885 (0xFF54C65D)
YUV	151.9440, -29.0594, -59.5869
Hunter-Lab	65.6173, -44.6229, 30.3775

Details

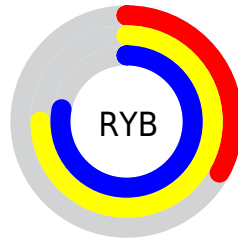
The RYB color **84, 190, 198** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **198, 84, 189**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **143, 252, 255**, and **0, 111, 143** is the 20% darker color. If you saturate the color by 10%, you get **64, 189, 198**, and if you desaturate by 10%, it is **104, 191, 198**.

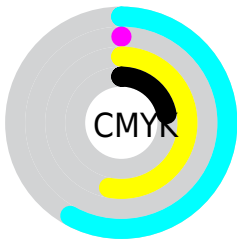
Distribution



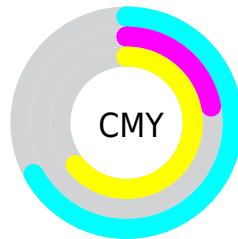
- Red (33%)
- Green (78%)
- Blue (36%)



- Red (33%)
- Yellow (75%)
- Blue (78%)



- Cyan (58%)
- Magenta (0%)
- Yellow (53%)
- Black (22%)





- Cyan (67%)
- Magenta (22%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the RYB color 84, 190, 198 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 84, 190, 198 by changing the saturation by 10% instead.


 84, 190, 198

 84, 190, 198

255, 255, 255

 52, 157, 170

 143, 253, 255

 0, 111, 143

 172, 255, 255

 0, 105, 117

 200, 255, 253

 0, 91, 91


 229, 255, 253


 0, 66, 66


 0, 44, 44

 0, 11, 11


 0, 0, 0

 84, 190, 198


 84, 190, 198

 64, 189, 198

 104, 191, 198

 44, 187, 198

 124, 193, 198

 25, 186, 198

 143, 193, 198

 5, 185, 198


 163, 195, 198

 0, 184, 198

 183, 197, 198

 203, 198, 202

 223, 198, 221

 242, 198, 239

 255, 198, 255

Harmonies

Analogous

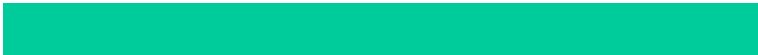
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



44, 186, 66



84, 190, 198



0, 116, 204

Triad

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



84, 190, 198



0, 108, 255



255, 119, 133

Complementary

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



84, 190, 198



198, 84, 189

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, 118, 196



84, 190, 198



142, 162, 255

Square

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



84, 190, 198



0, 112, 255



234, 139, 254



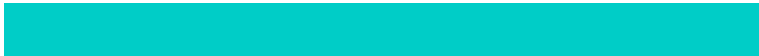
255, 176, 78

Rectangle

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



84, 190, 198



0, 104, 205



234, 139, 254



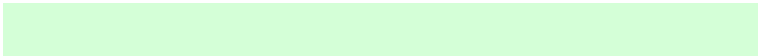
255, 116, 154

Sweetspot

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



84, 190, 198



212, 252, 255



84, 198, 92



102, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



84, 190, 198



79, 243, 255



84, 157, 198



90, 99, 99



0, 152, 163



0, 33, 36

Inverse Universe

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



198, 84, 189



255, 79, 242



198, 84, 133



99, 90, 99



163, 0, 151



36, 0, 33

Previews

White Background



This preview shows how the RYB color 84, 190, 198 looks on a white background.

Color Contrast Check

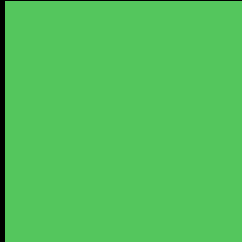
Large Text (above 18pt) WCAG AA × Fail

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 84, 190, 198 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 84, 190, 198 Background



This preview shows how black text looks on a background with the RYB color 84, 190, 198.

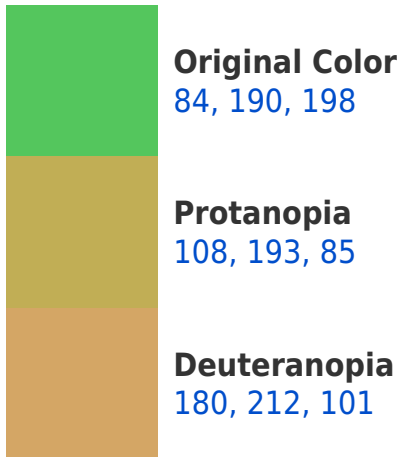


This preview shows how white text looks on a background with the RYB color 84, 190, 198.

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
110, 151, 201

Trichromacy



Original Color

84, 190, 198



Protanomaly

88, 183, 118



Deuteranomaly

98, 178, 111



Tritanomaly

101, 154, 190

Monochromacy



Original Color

84, 190, 198



Achromatopsia

152, 152, 152



Achromatomaly

127, 166, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 84, 190, 198 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(84, 198, 93)` looks like.

```
.text, #text, p{  
    color:rgb(84, 198, 93)  
}
```

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(84, 198, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 198, 93) }
```

Border

The CSS property to change the border of an element to RYB 84, 190, 198 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(84, 198, 93) }
```

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

```
.border{ border-color:rgb(84, 198, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 198, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 198, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 198, 93);  
box-shadow:4px 4px 4px 4px rgb(84, 198,  
93) }
```

Background

The CSS property to change the background color of an element to RYB 84, 190, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 198, 93) }
```

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

```
.background{ background-color: rgb(84, 198,  
93) }
```

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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