

Converting Colors

`RYB(108, 198, 181)`

Have a look what the booklet for
RYB(108, 198, 181) contains.

RYB(108, 198, 181)	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(108, 198, 181)

Conversions

Conversions Part 1

Format	Color
Hex	7DC66C
RGB	125, 198, 108
RGB Percent	49%, 78%, 42%
CMY	0.5098, 0.2235, 0.5765
CMYK	0.37, 0.00, 0.45, 0.22
HSL	109°, 44%, 60%
HSV	109°, 45%, 78%
XYZ	31.3583, 45.8309, 21.3808
YIQ	165.9130, -14.6180, -43.4660

Conversions

Conversions Part 2

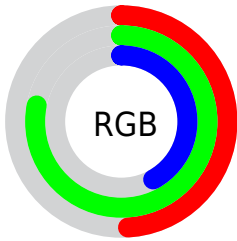
Format	Color
RYB	108, 198, 181
Decimal	8242796
CIELab	73.44, -40.00, 37.95
CIElCh	73, 55.142, 136.508
Yxy	45.8309, 0.3181, 0.4650
Android (android.graphics.Color)	4286432876 (0xFF7DC66C)
YUV	165.9130, -28.5511, -35.8807
Hunter-Lab	67.6985, -35.7902, 28.6637

Details

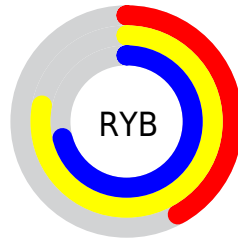
The RYB color **108, 198, 181** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **181, 108, 198**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **161, 255, 235**, and **58, 144, 131** is the 20% darker color. If you saturate the color by 10%, you get **88, 198, 177**, and if you desaturate by 10%, it is **128, 198, 185**.

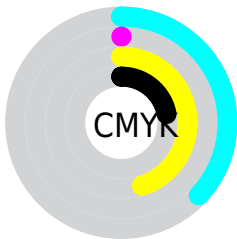
Distribution



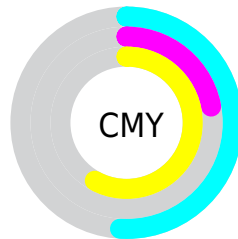
- Red (49%)
- Green (78%)
- Blue (42%)



- Red (42%)
- Yellow (78%)
- Blue (71%)



- Cyan (37%)
- Magenta (0%)
- Yellow (45%)
- Black (22%)



- Cyan (51%)
- Magenta (22%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 198, 181 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 108, 198, 181 by changing the saturation by 10% instead.

 108, 198, 181


255, 255, 255


 161, 255, 235


 188, 255, 234


 216, 255, 233

 245, 255, 245

 108, 198, 181

 83, 170, 155

 58, 144, 131

 33, 117, 107

 5, 92, 92

 0, 68, 68


 0, 45, 45

 0, 20, 20


 0, 0, 0


 108, 198, 181


 108, 198, 181

 88, 198, 177


 128, 198, 185


 68, 198, 173

 148, 198, 189

 49, 198, 170

 167, 198, 192


 29, 198, 166

 187, 198, 196

 9, 198, 162

 205, 198, 207

 0, 198, 161

 221, 198, 227

 237, 198, 247

 253, 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.



79, 186, 82



108, 198, 181



15, 124, 204

Triad

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



108, 198, 181



0, 110, 255



255, 138, 154

Complementary

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



108, 198, 181



181, 108, 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, 140, 205



108, 198, 181



145, 169, 255

Square

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



108, 198, 181



0, 112, 253



220, 156, 250



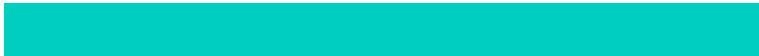
255, 168, 109

Rectangle

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



108, 198, 181



0, 107, 206



220, 156, 250



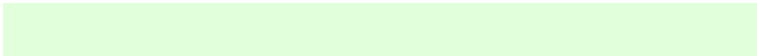
255, 137, 171

Sweetspot

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



108, 198, 181



219, 255, 248



131, 198, 108



106, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



108, 198, 181



115, 255, 229



108, 177, 198



90, 99, 98



0, 163, 132



0, 36, 29

Inverse Universe

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



181, 108, 198



229, 115, 255



198, 108, 171



98, 90, 99



132, 0, 163



29, 0, 36

Previews

White Background



This preview shows how the RYB color 108, 198, 181 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 108, 198, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

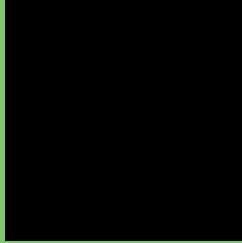
Any Text WCAG AA ✓ Pass

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 108, 198, 181 Background



This preview shows how black text looks on a background with the RYB color 108, 198, 181.

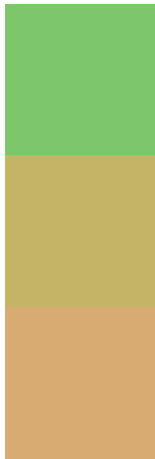


This preview shows how white text looks on a background with the RYB color 108, 198, 181.

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
108, 198, 181

Protanopia
122, 197, 101

Deuteranopia
195, 216, 114



Tritanopia
142, 168, 202

Trichromacy



Original Color

108, 198, 181



Protanomaly

104, 187, 120



Deuteranomaly

114, 183, 112



Tritanomaly

136, 171, 191

Monochromacy



Original Color

108, 198, 181



Achromatopsia

166, 166, 166



Achromatomaly

145, 178, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 108, 198, 181 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(125, 198, 108) looks like.

```
.text, #text, p{  
    color:rgb(125, 198, 108)  
}
```

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(125, 198, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 198, 108) }
```

Border

The CSS property to change the border of an element to RYB 108, 198, 181 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(125, 198, 108) }
```

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

```
.border{ border-color:rgb(125, 198, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 198, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 198, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 198, 108); box-shadow:4px 4px 4px 4px rgb(125, 198, 108) }
```

Background

The CSS property to change the background color of an element to RYB 108, 198, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 198, 108) }
```

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

```
.background{ background-color: rgb(125,  
198, 108) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor