

Converting Colors

`RYB(108, 171, 191)`

Have a look what the booklet for
RYB(108, 171, 191) contains.

RYB(108, 171, 191)	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, 171, 191)

Conversions

Conversions Part 1

Format	Color
Hex	6CBF86
RGB	108, 191, 134
RGB Percent	42%, 75%, 53%
CMY	0.5765, 0.2510, 0.4731
CMYK	0.43, 0.00, 0.30, 0.25
HSL	139°, 39%, 59%
HSV	139°, 43%, 75%
XYZ	29.1426, 42.1807, 29.2879
YIQ	159.6850, -31.1710, -35.3230

Conversions

Conversions Part 2

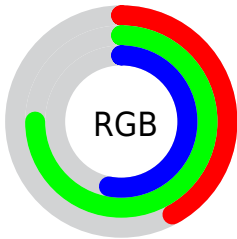
Format	Color
RYB	108, 171, 191
Decimal	7126918
CIELab	71.00, -37.82, 20.89
CIELCh	71, 43.207, 151.089
Yxy	42.1807, 0.2897, 0.4192
Android (android.graphics.Color)	4285316998 (0xFF6CBF86)
YUV	159.6850, -12.6627, -45.3277
Hunter-Lab	64.9467, -33.5609, 18.7257

Details

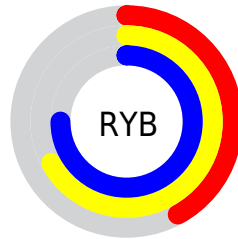
The RYB color **108, 171, 191** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **191, 108, 165**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **163, 229, 248**, and **53, 114, 137** is the 20% darker color. If you saturate the color by 10%, you get **89, 167, 191**, and if you desaturate by 10%, it is **127, 176, 191**.

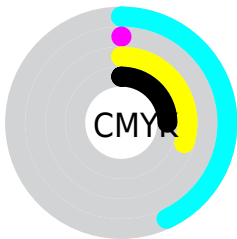
Distribution



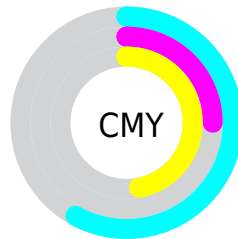
- Red (42%)
- Green (75%)
- Blue (53%)



- Red (42%)
- Yellow (67%)
- Blue (75%)



- Cyan (43%)
- Magenta (0%)
- Yellow (30%)
- Black (25%)



- Cyan (58%)
- Magenta (25%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 171, 191 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, 171, 191 by changing the saturation by 10% instead.

 108, 171, 191

255, 255, 255


 163, 229, 248


 191, 237, 255


 220, 241, 255

 249, 252, 255

 108, 171, 191

 81, 143, 164

 53, 114, 137

 21, 83, 111

 0, 60, 86


 0, 49, 62

 0, 40, 40

 0, 7, 7

 0, 0, 0

 108, 171, 191

 108, 171, 191

■ 89, 167, 191

■ 127, 176, 191

■ 70, 162, 191

■ 146, 180, 191

■ 51, 158, 191

■ 165, 185, 191

■ 32, 153, 191

■ 184, 189, 191

■ 12, 148, 191

■ 203, 191, 200

■ 0, 145, 191

■ 223, 191, 213

■ 242, 191, 226

■ 255, 191, 239

■ 255, 191, 252

Harmonies

Analogous

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



105, 183, 132



108, 171, 191



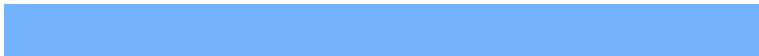
37, 121, 194

Triad

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



108, 171, 191



115, 158, 252



247, 147, 135

Complementary

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



108, 171, 191



191, 108, 165

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.



247, 142, 174



108, 171, 191



179, 163, 241

Square

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



108, 171, 191



0, 106, 242



224, 149, 212



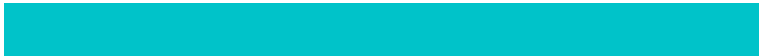
229, 196, 106

Rectangle

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



108, 171, 191



0, 99, 201



224, 149, 212



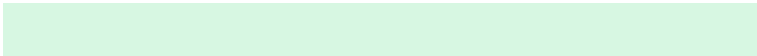
249, 144, 147

Sweetspot

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



108, 171, 191



215, 239, 247



108, 191, 134



105, 120, 125



252, 252, 252



125, 125, 125

Same Dimension

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



108, 171, 191



119, 216, 247



108, 154, 191



85, 92, 94



0, 120, 158



0, 23, 31

Inverse Universe

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



191, 108, 165



247, 119, 207



191, 108, 123



94, 85, 91



158, 0, 108



31, 0, 21

Previews

White Background



This preview shows how the RYB color 108, 171, 191 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, 171, 191 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, 171, 191 Background



This preview shows how black text looks on a background with the RYB color 108, 171, 191.

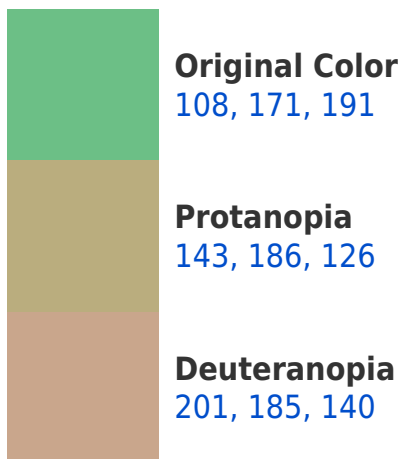


This preview shows how white text looks on a background with the RYB color 108, 171, 191.

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
122, 156, 198

Trichromacy



Original Color

108, 171, 191



Protanomaly

129, 180, 151



Deuteranomaly

138, 175, 146



Tritanomaly

117, 154, 186

Monochromacy



Original Color

108, 171, 191



Achromatopsia

160, 160, 160



Achromatomaly

141, 164, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 171, 191 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(108, 191, 134)` looks like.

```
.text, #text, p{  
    color:rgb(108, 191, 134)  
}
```

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(108, 191, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 191, 134) }
```

Border

The CSS property to change the border of an element to RYB 108, 171, 191 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(108, 191, 134) }
```

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

```
.border{ border-color:rgb(108, 191, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 191, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 191, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 191, 134);  
box-shadow:4px 4px 4px 4px rgb(108, 191,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 108, 171, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 191, 134) }
```

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

```
.background{ background-color: rgb(108,  
191, 134) }
```

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