

Converting Colors

`RYB(104, 159, 191)`

Have a look what the booklet for
RYB(104, 159, 191) contains.

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Color

R_YB(104, 159, 191)

Conversions

Conversions Part 1

Format	Color
Hex	68BF9B
RGB	104, 191, 155
RGB Percent	41%, 75%, 61%
CMY	0.5922, 0.2510, 0.3937
CMYK	0.46, 0.00, 0.19, 0.25
HSL	155°, 40%, 58%
HSV	155°, 46%, 75%
XYZ	30.2241, 42.5584, 37.4641
YIQ	160.8830, -40.2960, -29.6400

Conversions

Conversions Part 2

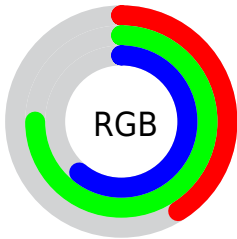
Format	Color
RYB	104, 159, 191
Decimal	6864795
CIELab	71.25, -34.82, 10.29
CIElCh	71, 36.307, 163.533
Yxy	42.5584, 0.2741, 0.3860
Android (android.graphics.Color)	4285054875 (0xFF68BF9B)
YUV	160.8830, -2.9003, -49.8864
Hunter-Lab	65.2368, -31.4657, 11.6168

Details

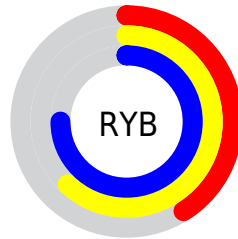
The RYB color **104, 159, 191** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **191, 104, 140**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **159, 216, 248**, and **48, 103, 137** is the 20% darker color. If you saturate the color by 10%, you get **85, 152, 191**, and if you desaturate by 10%, it is **123, 166, 191**.

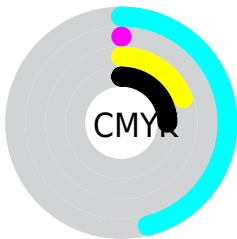
Distribution



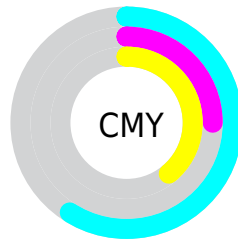
- Red (41%)
- Green (75%)
- Blue (61%)



- Red (41%)
- Yellow (62%)
- Blue (75%)



- Cyan (46%)
- Magenta (0%)
- Yellow (19%)
- Black (25%)



- Cyan (59%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 104, 159, 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 104, 159, 191 by changing the saturation by 10% instead.

 104, 159, 191

255, 255, 255


 159, 216, 248

 188, 227, 255

 216, 236, 255

 246, 251, 255

 104, 159, 191

 76, 131, 164

 48, 103, 137

 10, 70, 111


 0, 52, 86


 0, 40, 62

 0, 30, 40

 0, 9, 9

 0, 0, 0

 104, 159, 191

 104, 159, 191

■ 85, 152, 191

■ 123, 166, 191

■ 66, 145, 191

■ 142, 173, 191

■ 47, 138, 191

■ 161, 180, 191

■ 28, 131, 191

■ 180, 187, 191

■ 9, 124, 191

■ 199, 191, 195

■ 0, 121, 191

■ 219, 191, 203

■ 238, 191, 211

■ 255, 191, 219

■ 255, 191, 227

Harmonies

Analogous

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



125, 186, 166



104, 159, 191



62, 128, 192

Triad

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



104, 159, 191



152, 169, 239



233, 163, 130

Complementary

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



104, 159, 191



191, 104, 140

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.



240, 149, 161



104, 159, 191



197, 161, 223

Square

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



104, 159, 191



97, 150, 237



228, 151, 194



198, 213, 111

Rectangle

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



104, 159, 191



47, 123, 210



228, 151, 194



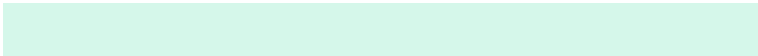
237, 155, 140

Sweetspot

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



104, 159, 191



213, 234, 247



104, 191, 153



104, 117, 125



252, 252, 252



125, 125, 125

Same Dimension

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



104, 159, 191



111, 197, 247



104, 146, 191



85, 91, 94



0, 100, 158



0, 20, 31

Inverse Universe

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



191, 104, 140



247, 111, 168



191, 110, 104



94, 85, 89



158, 0, 66



31, 0, 13

Previews

White Background



This preview shows how the RYB color 104, 159, 191 looks on a white background.

Color Contrast Check

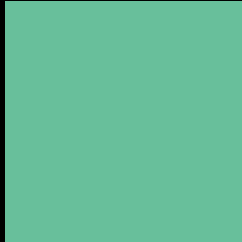
Large Text (above 18pt) WCAG AA × Fail

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 104, 159, 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 104, 159, 191 Background



This preview shows how black text looks on a background with the RYB color 104, 159, 191.

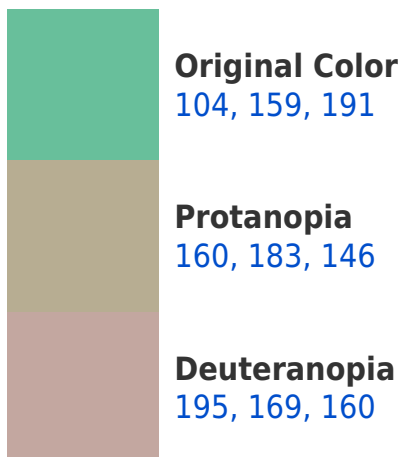


This preview shows how white text looks on a background with the RYB color 104, 159, 191.

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
116, 154, 200

Trichromacy



Original Color

104, 159, 191



Protanomaly

149, 180, 175



Deuteranomaly

158, 176, 172



Tritanomaly

112, 151, 187

Monochromacy



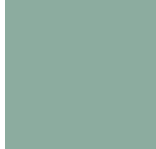
Original Color

104, 159, 191



Achromatopsia

161, 161, 161



Achromatomaly

140, 160, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 104, 159, 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(104, 191, 155)` looks like.

```
.text, #text, p{  
    color:rgb(104, 191, 155)  
}
```

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(104, 191, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 191, 155) }
```

Border

The CSS property to change the border of an element to RYB 104, 159, 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(104, 191, 155) }
```

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

```
.border{ border-color:rgb(104, 191, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 191, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 191, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 191, 155);  
box-shadow:4px 4px 4px 4px rgb(104, 191,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 104, 159, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 191, 155) }
```

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

```
.background{ background-color: rgb(104,  
191, 155) }
```

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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