

Converting Colors

`RYB(104, 156, 179)`

Have a look what the booklet for
RYB(104, 156, 179) contains.

RYB(104, 156, 179)	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(104, 156, 179)

Conversions

Conversions Part 1

Format	Color
Hex	68B389
RGB	104, 179, 137
RGB Percent	41%, 70%, 54%
CMY	0.5922, 0.2980, 0.4621
CMYK	0.42, 0.00, 0.23, 0.30
HSL	147°, 33%, 55%
HSV	147°, 42%, 70%
XYZ	26.3568, 36.9944, 29.4835
YIQ	151.7870, -31.2180, -28.9620

Conversions

Conversions Part 2

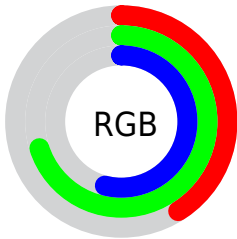
Format	Color
RYB	104, 156, 179
Decimal	6861705
CIELab	67.27, -32.88, 14.18
CIELCh	67, 35.810, 156.668
Yxy	36.9944, 0.2839, 0.3985
Android (android.graphics.Color)	4285051785 (0xFF68B389)
YUV	151.7870, -7.2900, -41.9092
Hunter-Lab	60.8230, -29.0897, 13.8357

Details

The RYB color **104, 156, 179** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **179, 104, 146**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **158, 212, 235**, and **51, 102, 126** is the 20% darker color. If you saturate the color by 10%, you get **86, 151, 179**, and if you desaturate by 10%, it is **122, 162, 179**.

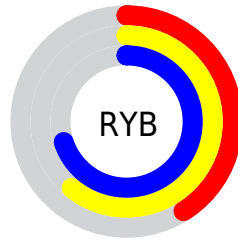
Distribution



Red (41%)

Green (70%)

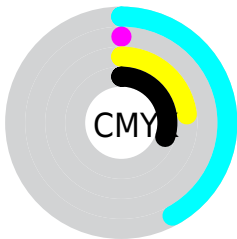
Blue (54%)



Red (41%)

Yellow (61%)

Blue (70%)

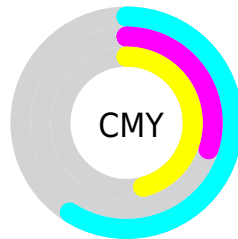


Cyan (42%)

Magenta (0%)

Yellow (23%)

Black (30%)



Cyan (59%)

Magenta (30%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 104, 156, 179 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, 156, 179 by changing the saturation by 10% instead.

 104, 156, 179

255, 255, 255


 158, 212, 235


 186, 233, 255

 215, 237, 255

 244, 250, 255

 104, 156, 179


 77, 128, 152

 51, 102, 126


 20, 72, 100


 0, 49, 76


 0, 37, 52


 0, 33, 33


 0, 0, 0

 104, 156, 179


 86, 151, 179

 104, 156, 179


 122, 162, 179


 68, 145, 179


 140, 167, 179

 50, 139, 179

 158, 173, 179


 32, 134, 179

 176, 178, 179


 15, 129, 179

 194, 179, 187

 0, 124, 179

 211, 179, 197

 229, 179, 207

 247, 179, 217

 255, 179, 227

Harmonies

Analogous

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



111, 173, 141



104, 156, 179



60, 123, 181

Triad

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



104, 156, 179



129, 155, 227



224, 146, 127

Complementary

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



104, 156, 179



179, 104, 146

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.



226, 139, 158



104, 156, 179



177, 153, 216

Square

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



104, 156, 179



74, 134, 222



210, 143, 190



206, 196, 105

Rectangle

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



104, 156, 179



34, 110, 192



210, 143, 190



226, 141, 136

Sweetspot

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



104, 156, 179



202, 223, 232



104, 179, 136



99, 111, 117



245, 245, 245



117, 117, 117

Same Dimension

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



104, 156, 179



116, 197, 232



104, 143, 179



80, 86, 89



0, 106, 153



0, 18, 26

Inverse Universe

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



179, 104, 146



232, 116, 181



179, 104, 109



89, 80, 85



153, 0, 85



26, 0, 14

Previews

White Background



This preview shows how the RYB color 104, 156, 179 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, 156, 179 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](#).

R Y B 104, 156, 179 Background



This preview shows how black text looks on a background with the R Y B color 104, 156, 179.

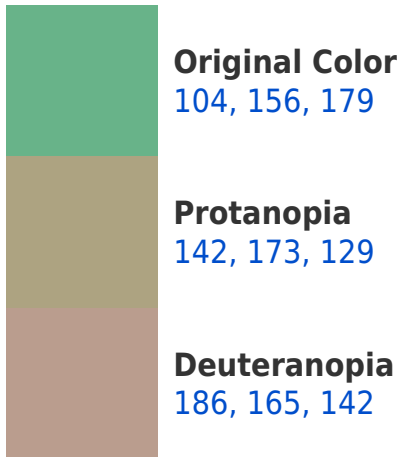


This preview shows how white text looks on a background with the R Y B color 104, 156, 179.

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, 147, 186

Trichromacy



Original Color

104, 156, 179



Protanomaly

132, 169, 153



Deuteranomaly

140, 165, 149



Tritanomaly

112, 145, 175

Monochromacy



Original Color

104, 156, 179



Achromatopsia

152, 152, 152



Achromatomaly

135, 154, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 104, 156, 179 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, 179, 137)` looks like.

```
.text, #text, p{  
    color:rgb(104, 179, 137)  
}
```

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, 179, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 179, 137) }
```

Border

The CSS property to change the border of an element to RYB 104, 156, 179 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, 179, 137) }
```

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

```
.border{ border-color:rgb(104, 179, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 179, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 179, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 179, 137);  
box-shadow:4px 4px 4px 4px rgb(104, 179,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 104, 156, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 179, 137) }
```

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

```
.background{ background-color: rgb(104,  
179, 137) }
```

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