

Converting Colors

`RYB(96, 159, 173)`

Have a look what the booklet for
RYB(96, 159, 173) contains.

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Color

RYB(96, 159, 173)

Conversions

Conversions Part 1

Format	Color
Hex	60AD71
RGB	96, 173, 113
RGB Percent	38%, 68%, 44%
CMY	0.6235, 0.3216, 0.5564
CMYK	0.45, 0.00, 0.35, 0.32
HSL	133°, 32%, 53%
HSV	133°, 45%, 68%
XYZ	22.7543, 33.5687, 20.9357
YIQ	143.1370, -26.6320, -34.9840

Conversions

Conversions Part 2

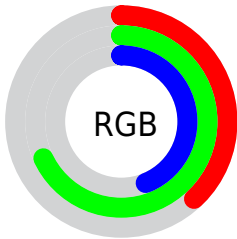
Format	Color
RYB	96, 159, 173
Decimal	6335857
CIELab	64.62, -37.03, 23.56
CIElCh	65, 43.891, 147.531
Yxy	33.5687, 0.2945, 0.4345
Android (android.graphics.Color)	4284525937 (0xFF60AD71)
YUV	143.1370, -14.8575, -41.3391
Hunter-Lab	57.9385, -31.2896, 19.1329

Details

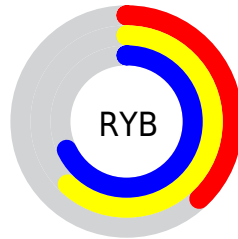
The RYB color **96, 159, 173** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **173, 96, 156**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **150, 216, 229**, and **41, 102, 120** is the 20% darker color. If you saturate the color by 10%, you get **79, 156, 173**, and if you desaturate by 10%, it is **113, 162, 173**.

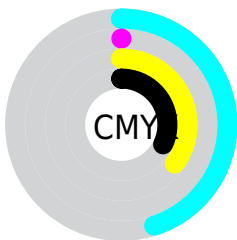
Distribution



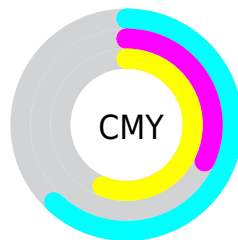
- Red (38%)
- Green (68%)
- Blue (44%)



- Red (38%)
- Yellow (62%)
- Blue (68%)



- Cyan (45%)
- Magenta (0%)
- Yellow (35%)
- Black (32%)



- Cyan (62%)
- Magenta (32%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 96, 159, 173 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 96, 159, 173 by changing the saturation by 10% instead.



96, 159, 173



96, 159, 173

255, 255, 255



69, 131, 146



150, 216, 229



41, 102, 120



178, 242, 255



4, 68, 95



207, 244, 255



0, 54, 70



235, 247, 255



0, 47, 47



0, 25, 25



0, 0, 0



96, 159, 173




96, 159, 173





79, 156, 173




113, 162, 173

 61, 153, 173

 131, 166, 173

 44, 149, 173

 148, 169, 173


 27, 147, 173

 165, 171, 173

 9, 143, 173


 183, 173, 180

 0, 142, 173

 200, 173, 194

 217, 173, 207

 234, 173, 221

 252, 173, 234

Harmonies

Analogous

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



85, 165, 106



96, 159, 173



0, 95, 177

Triad

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



96, 159, 173



83, 135, 235



230, 128, 123

Complementary

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



96, 159, 173



173, 96, 156

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.



227, 125, 162



96, 159, 173



155, 148, 226

Square

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



96, 159, 173



0, 97, 222



202, 133, 199



214, 170, 91

Rectangle

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



96, 159, 173



0, 89, 179



202, 133, 199



232, 125, 135

Sweetspot

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



96, 159, 173



195, 218, 224



96, 173, 113



94, 109, 112



240, 240, 240



112, 112, 112

Same Dimension

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



96, 159, 173



105, 202, 224



96, 141, 173



78, 85, 87



0, 123, 150



0, 19, 23

Inverse Universe

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



173, 96, 156



224, 105, 198



173, 96, 118



87, 78, 85



150, 0, 117



23, 0, 18

Previews

White Background



This preview shows how the RYB color 96, 159, 173 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 96, 159, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

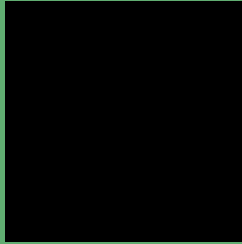
Any Text WCAG AA ✓ Pass

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 96, 159, 173 Background



This preview shows how black text looks on a background with the R Y B color 96, 159, 173.



This preview shows how white text looks on a background with the R Y B color 96, 159, 173.

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
96, 159, 173

Protanopia
122, 169, 106

Deuteranopia
183, 177, 118



Tritanopia
111, 141, 178

Trichromacy



Original Color

96, 159, 173



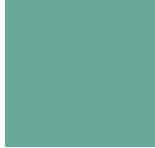
Protanomaly

109, 162, 129



Deuteranomaly

116, 158, 123



Tritanomaly

106, 141, 168

Monochromacy



Original Color

96, 159, 173



Achromatopsia

143, 143, 143



Achromatomaly

126, 149, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 96, 159, 173 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(96, 173, 113)` looks like.

```
.text, #text, p{  
    color:rgb(96, 173, 113)  
}
```

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(96, 173, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 173, 113) }
```

Border

The CSS property to change the border of an element to RYB 96, 159, 173 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(96, 173, 113) }
```

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

```
.border{ border-color:rgb(96, 173, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 173, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 173, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 173, 113);  
box-shadow:4px 4px 4px 4px rgb(96, 173,  
113) }
```

Background

The CSS property to change the background color of an element to RGB 96, 159, 173 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 173, 113) }
```

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

```
.background{ background-color: rgb(96, 173,  
113) }
```

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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