

Converting Colors

`RYB(160, 173, 201)`

Have a look what the booklet for
RYB(160, 173, 201) contains.

RYB(160, 173, 201)	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

$\text{RYB}(160, 173, 201)$

Conversions

Conversions Part 1

Format	Color
Hex	A0B3C9
RGB	160, 179, 201
RGB Percent	63%, 70%, 79%
CMY	0.3725, 0.2979, 0.2118
CMYK	0.20, 0.11, 0.00, 0.21
HSL	212°, 28%, 71%
HSV	212°, 20%, 79%
XYZ	41.1671, 43.9451, 61.5709
YIQ	175.8270, -18.3860, 2.8140

Conversions

Conversions Part 2

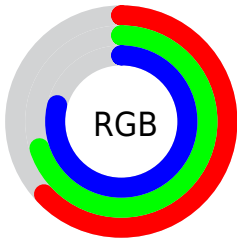
Format	Color
RYB	160, 173, 201
Decimal	10531785
CIELab	72.19, -1.83, -13.33
CIElCh	72, 13.458, 262.170
Yxy	43.9451, 0.2807, 0.2996
Android (android.graphics.Color)	4288721865 (0xFFA0B3C9)
YUV	175.8270, 12.4103, -13.8803
Hunter-Lab	66.2911, -5.1602, -8.6645

Details

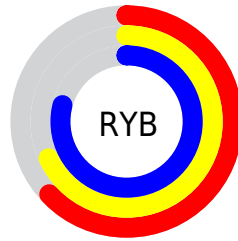
The RYB color **160, 173, 201** is a light color, and the websafe version is hex **999999**. A complement of this color would be **195, 201, 160**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **215, 228, 255**, and **108, 120, 147** is the 20% darker color. If you saturate the color by 10%, you get **140, 159, 201**, and if you desaturate by 10%, it is **180, 187, 201**.

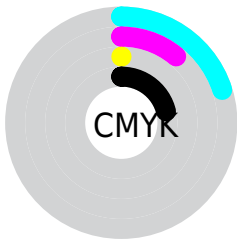
Distribution



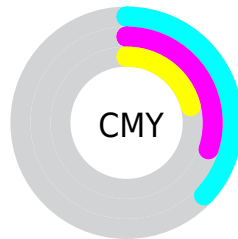
- Red (63%)
- Green (70%)
- Blue (79%)



- Red (63%)
- Yellow (68%)
- Blue (79%)



- Cyan (20%)
- Magenta (11%)
- Yellow (0%)
- Black (21%)




- Cyan (37%)
- Magenta (30%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 173, 201 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 160, 173, 201 by changing the saturation by 10% instead.


 160, 173, 201

255, 255, 255

 215, 228, 255

 244, 250, 255

 160, 173, 201


 134, 146, 174

 108, 120, 147

 83, 95, 121

 59, 72, 96


 36, 49, 73

 13, 26, 50

 0, 8, 29

 0, 0, 0

 160, 173, 201

 160, 173, 201

■ 140, 159, 201

■ 180, 187, 201

■ 120, 146, 201

■ 200, 201, 201

■ 100, 132, 201

■ 218, 220, 201

■ 80, 118, 201

■ 234, 240, 201

■ 59, 104, 201

■ 238, 255, 201

■ 39, 90, 201

■ 215, 255, 201

■ 19, 77, 201

■ 202, 255, 201

■ 0, 64, 201

■ 201, 255, 201

Harmonies

Analogous

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



149, 168, 196



160, 173, 201



175, 175, 200

Triad

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



160, 173, 201



203, 169, 168



162, 182, 181

Complementary

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



160, 173, 201



195, 201, 160

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.



154, 179, 156



160, 173, 201



200, 177, 158

Square

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



160, 173, 201



200, 169, 181



178, 190, 153



151, 171, 184

Rectangle

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



160, 173, 201



186, 172, 195



178, 190, 153



159, 181, 172

Sweetspot

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



160, 173, 201



240, 245, 255



160, 187, 201



119, 122, 128



0, 0, 0



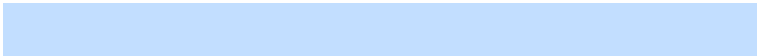
128, 128, 128

Same Dimension

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



160, 173, 201



194, 213, 255



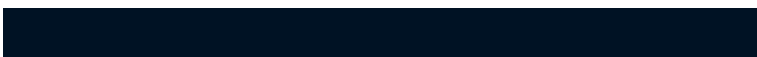
161, 160, 201



90, 93, 99



0, 52, 163



0, 12, 36

Inverse Universe

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



201, 160, 179



255, 194, 222



160, 201, 161



99, 90, 94



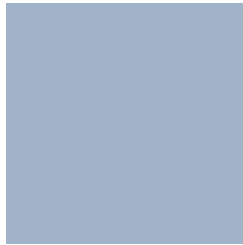
163, 0, 76



36, 0, 17

Previews

White Background



This preview shows how the RYB color 160, 173, 201 looks on a white background.

Color Contrast Check

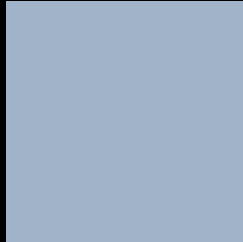
Large Text (above 18pt) WCAG AA × Fail

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 160, 173, 201 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

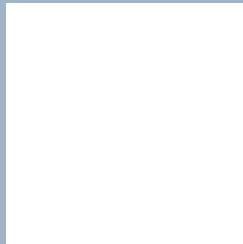
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R/Y/B 160, 173, 201 Background



This preview shows how black text looks on a background with the R/Y/B color 160, 173, 201.



This preview shows how white text looks on a background with the R/Y/B color 160, 173, 201.

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
160, 173, 201

Protanopia
173, 175, 199

Deuteranopia
182, 172, 202



Tritanopia
159, 172, 194

Trichromacy



Original Color
160, 173, 201

Protanomaly
168, 174, 200

Deuteranomaly
174, 175, 202

Tritanomaly
159, 173, 197

Monochromacy



Original Color
160, 173, 201

Achromatopsia
176, 176, 176

Achromatomaly
170, 175, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 160, 173, 201 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(160, 179, 201) looks like.

```
.text, #text, p{  
    color:rgb(160, 179, 201)  
}
```

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(160, 179, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 179, 201) }
```

Border

The CSS property to change the border of an element to RYB 160, 173, 201 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(160, 179, 201) }
```

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

```
.border{ border-color:rgb(160, 179, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 179, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 179, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 179, 201);  
box-shadow:4px 4px 4px 4px rgb(160, 179,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 160, 173, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 179, 201) }
```

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

```
.background{ background-color: rgb(160,  
179, 201) }
```

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