

Converting Colors

`RYB(160, 195, 199)`

Have a look what the booklet for
RYB(160, 195, 199) contains.

RYB(160, 195, 199)	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(160, 195, 199)

Conversions

Conversions Part 1

Format	Color
Hex	A0C7A4
RGB	160, 199, 164
RGB Percent	63%, 78%, 64%
CMY	0.3725, 0.2196, 0.3551
CMYK	0.20, 0.00, 0.17, 0.22
HSL	127°, 26%, 70%
HSV	127°, 20%, 78%
XYZ	41.6628, 51.0173, 42.9903
YIQ	183.3490, -12.0090, -19.1530

Conversions

Conversions Part 2

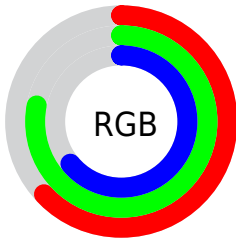
Format	Color
RYB	160, 195, 199
Decimal	10536868
CIELab	76.69, -19.71, 13.09
CIElCh	77, 23.656, 146.416
Yxy	51.0173, 0.3071, 0.3760
Android (android.graphics.Color)	4288726948 (0xFFA0C7A4)
YUV	183.3490, -9.5391, -20.4771
Hunter-Lab	71.4264, -20.8776, 14.3129

Details

The RYB color **160, 195, 199** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **199, 160, 195**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **215, 251, 255**, and **108, 141, 145** is the 20% darker color. If you saturate the color by 10%, you get **140, 193, 199**, and if you desaturate by 10%, it is **180, 197, 199**.

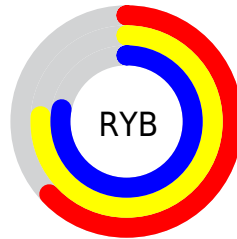
Distribution



Red (63%)

Green (78%)

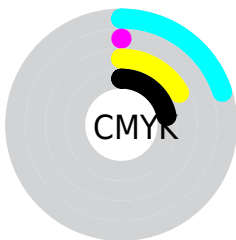
Blue (64%)



Red (63%)

Yellow (76%)

Blue (78%)

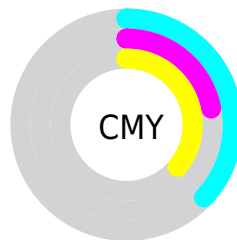


Cyan (20%)

Magenta (0%)

Yellow (17%)

Black (22%)



Cyan (37%)


Magenta (22%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 195, 199 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, 195, 199 by changing the saturation by 10% instead.


 160, 195, 199

255, 255, 255


 215, 251, 255

 244, 252, 255

 160, 195, 199

 134, 168, 172

 108, 141, 145

 83, 115, 119

 59, 89, 94

 36, 65, 70


 13, 41, 48


 0, 28, 28


 0, 0, 0


 160, 195, 199


 160, 195, 199


 140, 193, 199


 180, 197, 199


 120, 191, 199


 200, 199, 200

 100, 188, 199


 220, 199, 217

 80, 186, 199


 240, 199, 235

 61, 185, 199

 255, 199, 253

 41, 183, 199

 255, 199, 255

 21, 181, 199

 1, 179, 199

 0, 178, 199

Harmonies

Analogous

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



150, 194, 159



160, 195, 199



138, 175, 202

Triad

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



160, 195, 199



160, 182, 232



234, 175, 171

Complementary

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



160, 195, 199



199, 160, 195

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.



231, 174, 193



160, 195, 199



190, 185, 228

Square

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



160, 195, 199



136, 173, 225



215, 178, 214



226, 195, 154

Rectangle

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



160, 195, 199



129, 166, 202



215, 178, 214



234, 174, 178

Sweetspot

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



160, 195, 199



240, 254, 255



160, 199, 164



119, 127, 128



0, 0, 0



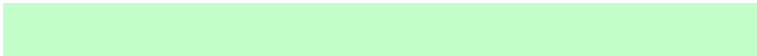
128, 128, 128

Same Dimension

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



160, 195, 199



194, 249, 255



160, 185, 199



90, 98, 99



0, 146, 163



0, 32, 36

Inverse Universe

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



199, 160, 195



255, 194, 248



199, 160, 176



99, 90, 98



163, 0, 145



36, 0, 32

Previews

White Background



This preview shows how the RYB color 160, 195, 199 looks on a white background.

Color Contrast Check

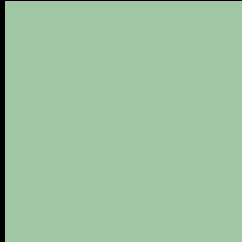
Large Text (above 18pt) WCAG AA × Fail

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, 195, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

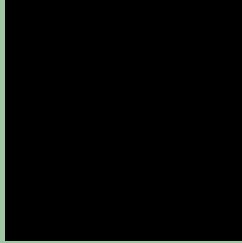
Any Text WCAG AA ✓ Pass

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 160, 195, 199 Background



This preview shows how black text looks on a background with the RYB color 160, 195, 199.

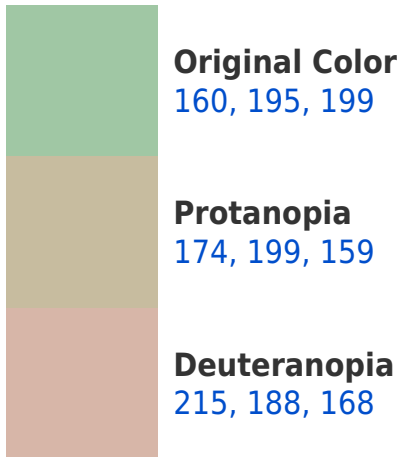


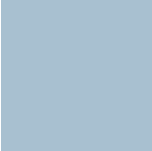
This preview shows how white text looks on a background with the RYB color 160, 195, 199.

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](#).

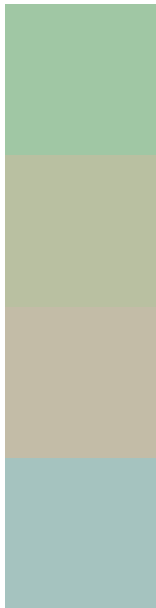
Dichromacy





Tritanopia
168, 183, 208

Trichromacy



Original Color
160, 195, 199

Protanomaly
161, 192, 168

Deuteranomaly
176, 195, 167

Tritanomaly
165, 181, 195

Monochromacy



Original Color
160, 195, 199

Achromatopsia
183, 183, 183

Achromatomaly
175, 188, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 195, 199 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, 199, 164)` looks like.

```
.text, #text, p{  
    color:rgb(160, 199, 164)  
}
```

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, 199, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 199, 164) }
```

Border

The CSS property to change the border of an element to RYB 160, 195, 199 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, 199, 164) }
```

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

```
.border{ border-color:rgb(160, 199, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 199, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 199, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 199, 164);  
box-shadow:4px 4px 4px 4px rgb(160, 199,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 160, 195, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 199, 164) }
```

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

```
.background{ background-color: rgb(160,  
199, 164) }
```

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