

Converting Colors

`RYB(155, 175, 178)`

Have a look what the booklet for
RYB(155, 175, 178) contains.

RYB(155, 175, 178)	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(155, 175, 178)

Conversions

Conversions Part 1

Format	Color
Hex	9BB29E
RGB	155, 178, 158
RGB Percent	61%, 70%, 62%
CMY	0.3922, 0.3020, 0.3786
CMYK	0.13, 0.00, 0.11, 0.30
HSL	129°, 13%, 65%
HSV	129°, 13%, 70%
XYZ	35.6483, 41.2935, 38.6428
YIQ	168.8430, -7.2880, -11.0960

Conversions

Conversions Part 2

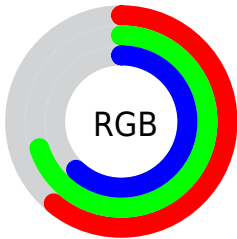
Format	Color
RYB	155, 175, 178
Decimal	10203806
CIELab	70.38, -11.75, 7.33
CIELCh	70, 13.850, 148.037
Yxy	41.2935, 0.3084, 0.3573
Android (android.graphics.Color)	4288393886 (0xFF9BB29E)
YUV	168.8430, -5.3456, -12.1403
Hunter-Lab	64.2600, -13.4319, 9.3280

Details

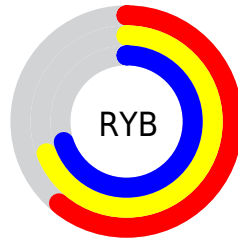
The RYB color **155, 175, 178** is a light color, and the websafe version is hex **999999**. A complement of this color would be **178, 155, 175**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **210, 231, 234**, and **104, 122, 125** is the 20% darker color. If you saturate the color by 10%, you get **137, 173, 178**, and if you desaturate by 10%, it is **173, 177, 178**.

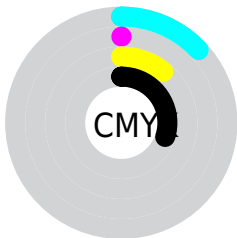
Distribution



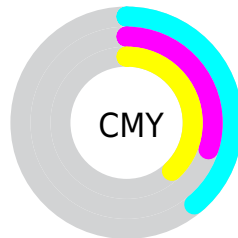
- Red (61%)
- Green (70%)
- Blue (62%)



- Red (61%)
- Yellow (69%)
- Blue (70%)



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (30%)



- Cyan (39%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 175, 178 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 155, 175, 178 by changing the saturation by 10% instead.


 155, 175, 178

255, 255, 255

 210, 231, 234

 238, 252, 255

 155, 175, 178


 129, 148, 151

 104, 122, 125

 79, 97, 100

 56, 73, 76

 34, 51, 54

 14, 29, 32

 0, 3, 3


 0, 0, 0


 155, 175, 178

 155, 175, 178

 137, 173, 178


 173, 177, 178

 119, 170, 178


 191, 178, 189


 102, 168, 178


 208, 178, 204

 84, 166, 178


 226, 178, 219

 66, 163, 178


 244, 178, 234


 48, 161, 178

 255, 178, 249

 30, 158, 178

 255, 178, 255

 13, 157, 178

 0, 155, 178

Harmonies

Analogous

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



150, 175, 156



155, 175, 178



144, 165, 180

Triad

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



155, 175, 178



158, 169, 197



199, 164, 161

Complementary

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



155, 175, 178



178, 155, 175

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.



197, 164, 173



155, 175, 178



174, 169, 194

Square

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



155, 175, 178



145, 164, 193



188, 165, 186



194, 176, 151

Rectangle

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



155, 175, 178



140, 160, 179



188, 165, 186



199, 164, 165

Sweetspot

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



155, 175, 178



223, 231, 232



155, 178, 158



111, 116, 117



245, 245, 245



117, 117, 117

Same Dimension

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



155, 175, 178



195, 228, 232



155, 169, 178



80, 87, 89



0, 133, 153



0, 23, 26

Inverse Universe

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



178, 155, 175



232, 195, 226



178, 155, 163



89, 80, 88



153, 0, 130



26, 0, 22

Previews

White Background



This preview shows how the RYB color 155, 175, 178 looks on a white background.

Color Contrast Check

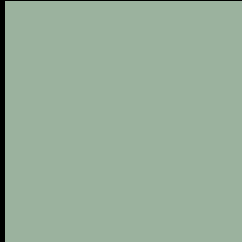
Large Text (above 18pt) WCAG AA × Fail

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 155, 175, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

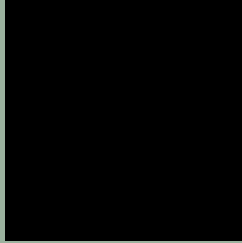
Any Text WCAG AA ✓ Pass

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 155, 175, 178 Background



This preview shows how black text looks on a background with the RYB color 155, 175, 178.

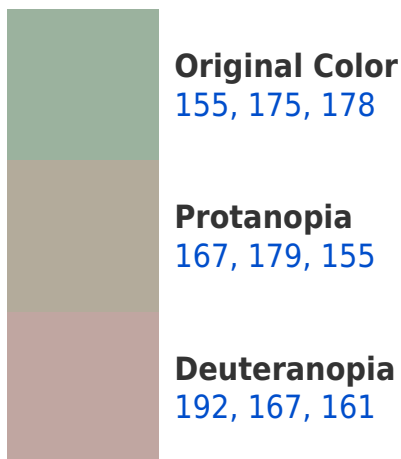


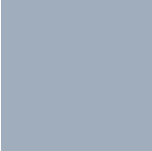
This preview shows how white text looks on a background with the RYB color 155, 175, 178.

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
160, 169, 188

Trichromacy



Original Color
155, 175, 178

Protanomaly
156, 174, 160

Deuteranomaly
177, 179, 160

Tritanomaly
158, 167, 177

Monochromacy



Original Color
155, 175, 178

Achromatopsia
169, 169, 169

Achromatomaly
164, 171, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 155, 178, 158 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(155, 178, 158) looks like.

```
.text, #text, p{  
    color:rgb(155, 178, 158)  
}
```

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(155, 178, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 178, 158) }
```

Border

The CSS property to change the border of an element to RYB 155, 175, 178 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(155, 178, 158) }
```

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

```
.border{ border-color:rgb(155, 178, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 178, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 178, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 178, 158);  
box-shadow:4px 4px 4px 4px rgb(155, 178,  
158) }
```

Background

The CSS property to change the background color of an element to RYB 155, 175, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 178, 158) }
```

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

```
.background{ background-color: rgb(155,  
178, 158) }
```

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