

Converting Colors

`RYB(154, 177, 177)`

Have a look what the booklet for
RYB(154, 177, 177) contains.

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Color

R_YB(154, 177, 177)

Conversions

Conversions Part 1

Format	Color
Hex	9AB19A
RGB	154, 177, 154
RGB Percent	60%, 69%, 60%
CMY	0.3961, 0.3059, 0.3961
CMYK	0.13, 0.00, 0.13, 0.31
HSL	120°, 13%, 65%
HSV	120°, 13%, 69%
XYZ	34.8813, 40.6474, 36.5791
YIQ	167.5010, -6.3250, -12.0290

Conversions

Conversions Part 2

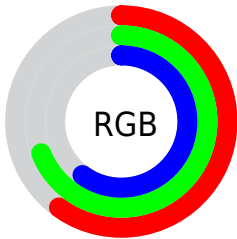
Format	Color
RYB	154, 177, 177
Decimal	10138010
CIELab	69.93, -12.40, 9.12
CIElCh	70, 15.394, 143.680
Yxy	40.6474, 0.3111, 0.3626
Android (android.graphics.Color)	4288328090 (0xFF9AB19A)
YUV	167.5010, -6.6560, -11.8404
Hunter-Lab	63.7553, -13.9123, 10.6115

Details

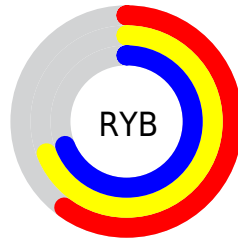
The RYB color **154, 177, 177** is a light color, and the websafe version is hex **999999**. A complement of this color would be **177, 154, 177**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **208, 233, 232**, and **103, 124, 124** is the 20% darker color. If you saturate the color by 10%, you get **136, 177, 177**, and if you desaturate by 10%, it is **172, 177, 177**.

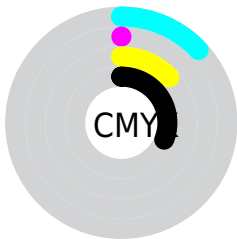
Distribution



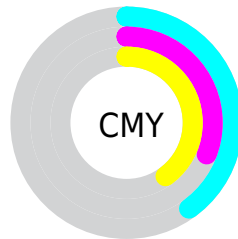
- Red (60%)
- Green (69%)
- Blue (60%)



- Red (60%)
- Yellow (69%)
- Blue (69%)



- Cyan (13%)
- Magenta (0%)
- Yellow (13%)
- Black (31%)




- Cyan (40%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 177, 177 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 154, 177, 177 by changing the saturation by 10% instead.


 154, 177, 177

255, 255, 255

 208, 233, 232


 237, 255, 255

 154, 177, 177


 128, 150, 150

 103, 124, 124


 78, 98, 99

 55, 74, 75


 33, 52, 53


 13, 31, 31

 0, 0, 0

 154, 177, 177

 136, 177, 177

 154, 177, 177

 172, 177, 177

■ 119, 177, 177

■ 189, 177, 189

■ 101, 177, 177

■ 207, 177, 207

■ 83, 177, 177

■ 225, 177, 225

■ 66, 177, 177

■ 243, 177, 243

■ 48, 177, 177

■ 255, 177, 255

■ 30, 177, 177

■ 12, 177, 177

■ 0, 177, 177

Harmonies

Analogous

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



145, 173, 148



154, 177, 177



141, 164, 179

Triad

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



154, 177, 177



152, 166, 198



201, 162, 160

Complementary

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



154, 177, 177



177, 154, 177

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, 161, 174



154, 177, 177



170, 168, 196

Square

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



154, 177, 177



138, 161, 193



186, 164, 188



196, 173, 149

Rectangle

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



154, 177, 177



135, 158, 179



186, 164, 188



200, 161, 165

Sweetspot

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



154, 177, 177



220, 230, 230



154, 177, 154



109, 115, 115



242, 242, 242



115, 115, 115

Same Dimension

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



154, 177, 177



193, 230, 230



154, 170, 177



80, 89, 89



0, 153, 153



0, 26, 26

Inverse Universe

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



177, 154, 177



230, 193, 230



177, 154, 165



89, 80, 89



153, 0, 153



26, 0, 26

Previews

White Background



This preview shows how the RYB color 154, 177, 177 looks on a white background.

Color Contrast Check

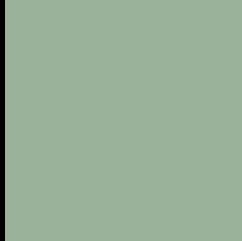
Large Text (above 18pt) WCAG AA × Fail

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 154, 177, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

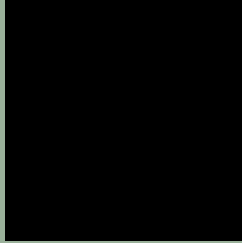
Any Text WCAG AA ✓ Pass

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 154, 177, 177 Background



This preview shows how black text looks on a background with the RYB color 154, 177, 177.

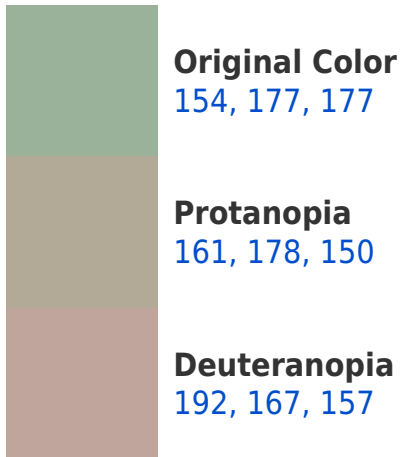


This preview shows how white text looks on a background with the RYB color 154, 177, 177.

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
159, 168, 186

Trichromacy



Original Color
154, 177, 177

Protanomaly
151, 173, 155

Deuteranomaly
171, 178, 156

Tritanomaly
157, 166, 174

Monochromacy



Original Color
154, 177, 177

Achromatopsia
168, 168, 168

Achromatomaly
163, 171, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 177, 177 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(154, 177, 154)` looks like.

```
.text, #text, p{  
    color:rgb(154, 177, 154)  
}
```

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(154, 177, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 177, 154) }
```

Border

The CSS property to change the border of an element to RYB 154, 177, 177 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(154, 177, 154) }
```

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

```
.border{ border-color:rgb(154, 177, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 177, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 177, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 177, 154);  
box-shadow:4px 4px 4px 4px rgb(154, 177,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 154, 177, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 177, 154) }
```

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

```
.background{ background-color: rgb(154,  
177, 154) }
```

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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