

Converting Colors

`RYB(159, 177, 154)`

Have a look what the booklet for
RYB(159, 177, 154) contains.

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Color

R_YB(159, 177, 154)

Conversions

Conversions Part 1

Format	Color
Hex	B1AD9A
RGB	177, 173, 154
RGB Percent	69%, 68%, 60%
CMY	0.3059, 0.3220, 0.3961
CMYK	0.00, 0.02, 0.13, 0.31
HSL	49°, 13%, 65%
HSV	49°, 13%, 69%
XYZ	38.8872, 41.5263, 36.5376
YIQ	172.0300, 8.4830, -5.0610

Conversions

Conversions Part 2

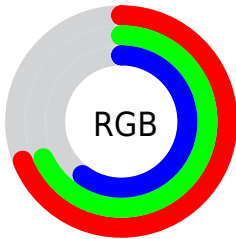
Format	Color
RYB	159, 177, 154
Decimal	11644314
CIELab	70.54, -1.84, 10.23
CIELCh	71, 10.395, 100.214
Yxy	41.5263, 0.3325, 0.3551
Android (android.graphics.Color)	4289834394 (0xFFB1AD9A)
YUV	172.0300, -8.8888, 4.3587
Hunter-Lab	64.4409, -5.0547, 11.4915

Details

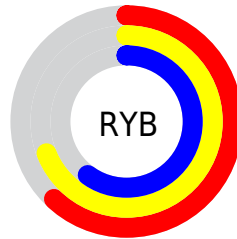
The RYB color **159, 177, 154** is a light color, and the websafe version is hex **999999**. A complement of this color would be **154, 157, 177**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **214, 233, 208**, and **107, 124, 103** is the 20% darker color. If you saturate the color by 10%, you get **144, 177, 136**, and if you desaturate by 10%, it is **173, 177, 172**.

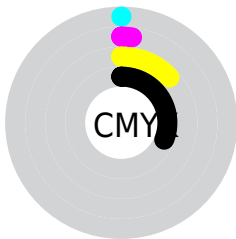
Distribution



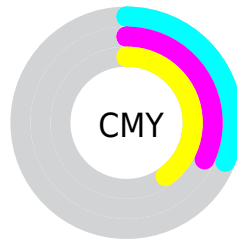
- Red (69%)
- Green (68%)
- Blue (60%)



- Red (62%)
- Yellow (69%)
- Blue (60%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (31%)



- Cyan (31%)
- Magenta (32%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 159, 177, 154 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 159, 177, 154 by changing the saturation by 10% instead.

 159, 177, 154

 159, 177, 154

255, 255, 255


 133, 150, 128

 214, 233, 208

 107, 124, 103

 237, 255, 237

 83, 99, 79

 60, 75, 56

 36, 52, 34

 15, 31, 13

 0, 3, 3

 0, 0, 0

 159, 177, 154

 159, 177, 154

■ 144, 177, 136

■ 173, 177, 172

■ 131, 177, 119

■ 177, 179, 189

■ 118, 177, 101

■ 177, 181, 207

■ 104, 177, 83

■ 177, 185, 225

■ 90, 177, 66

■ 177, 187, 243

■ 76, 177, 48

■ 177, 190, 255

■ 62, 177, 30

■ 177, 192, 255

■ 47, 177, 12

■ 177, 194, 255

■ 39, 177, 0

■ 177, 195, 255

Harmonies

Analogous

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



186, 184, 155



159, 177, 154



158, 176, 168

Triad

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



159, 177, 154



150, 165, 184



188, 167, 179

Complementary

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



159, 177, 154



154, 157, 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.



178, 169, 187



159, 177, 154



156, 168, 190

Square

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



159, 177, 154



150, 165, 178



167, 171, 191



193, 166, 170

Rectangle

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



159, 177, 154



159, 174, 177



167, 171, 191



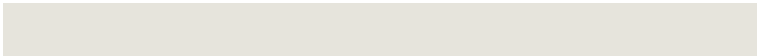
185, 167, 182

Sweetspot

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



159, 177, 154



223, 230, 220



177, 154, 158



110, 115, 109



242, 242, 242



115, 115, 115

Same Dimension

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



159, 177, 154



202, 230, 193



154, 177, 161



81, 89, 80



33, 153, 0



6, 26, 0

Inverse Universe

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



154, 157, 177



193, 198, 230



161, 154, 177



80, 82, 89



0, 23, 153



0, 4, 26

Previews

White Background



This preview shows how the RYB color 159, 177, 154 looks on a white background.

Color Contrast Check

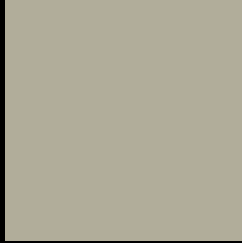
Large Text (above 18pt) WCAG AA × Fail

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 159, 177, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

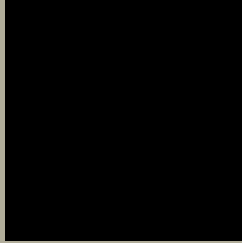
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

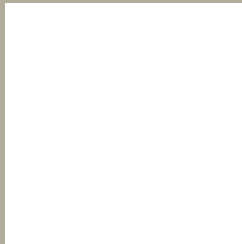
Any Text WCAG AAA ✓ Pass

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

R Y B 159, 177, 154 Background



This preview shows how black text looks on a background with the RYB color 159, 177, 154.



This preview shows how white text looks on a background with the RYB color 159, 177, 154.

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
159, 177, 154

Protanopia
166, 180, 154

Deuteranopia
195, 170, 155



Tritanopia
181, 169, 182

Trichromacy



Original Color

159, 177, 154

Protanomaly

164, 179, 154

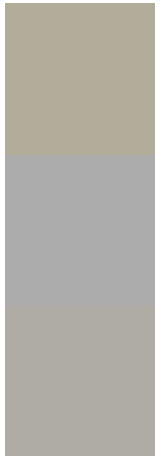
Deuteranomaly

188, 179, 155

Tritanomaly

180, 170, 172

Monochromacy



Original Color

159, 177, 154

Achromatopsia

172, 172, 172

Achromatomaly

168, 174, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 177, 154 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(177, 173, 154) looks like.

```
.text, #text, p{  
    color:rgb(177, 173, 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(177, 173, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 173, 154) }
```

Border

The CSS property to change the border of an element to RYB 159, 177, 154 is called "border". The border property can be set on classes, ids or directly on the HTML element.

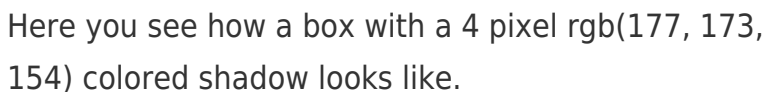
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 173, 154) }
```

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

```
.border{ border-color:rgb(177, 173, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 173, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 173, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 173, 154);  
box-shadow:4px 4px 4px 4px rgb(177, 173,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 159, 177, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 173, 154) }
```

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

```
.background{ background-color: rgb(177,  
173, 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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