

Converting Colors

`RYB(169, 177, 154)`

Have a look what the booklet for
RYB(169, 177, 154) contains.

RYB(169, 177, 154)	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(169, 177, 154)

Conversions

Conversions Part 1

Format	Color
Hex	B1A89A
RGB	177, 168, 154
RGB Percent	69%, 66%, 60%
CMY	0.3059, 0.3415, 0.3961
CMYK	0.00, 0.05, 0.13, 0.31
HSL	36°, 13%, 65%
HSV	36°, 13%, 69%
XYZ	37.9523, 39.6563, 36.2260
YIQ	169.0950, 9.8580, -2.4460

Conversions

Conversions Part 2

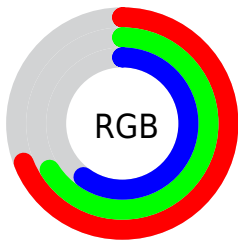
Format	Color
RYB	169, 177, 154
Decimal	11643034
CIELab	69.22, 0.84, 8.35
CIELCh	69, 8.395, 84.237
Yxy	39.6563, 0.3334, 0.3484
Android (android.graphics.Color)	4289833114 (0xFFB1A89A)
YUV	169.0950, -7.4418, 6.9327
Hunter-Lab	62.9733, -2.6262, 9.9741

Details

The RYB color **169, 177, 154** is a light color, and the websafe version is hex **999999**. A complement of this color would be **154, 160, 177**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **225, 233, 208**, and **116, 124, 103** is the 20% darker color. If you saturate the color by 10%, you get **162, 177, 136**, and if you desaturate by 10%, it is **175, 177, 172**.

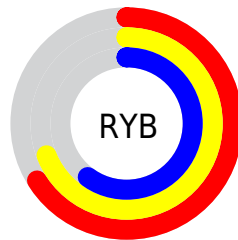
Distribution



Red (69%)

Green (66%)

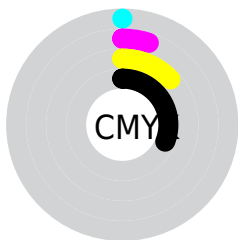
Blue (60%)



Red (66%)

Yellow (69%)

Blue (60%)

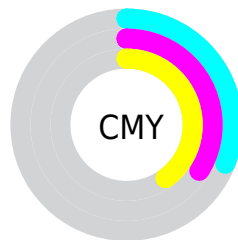


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (31%)



Cyan (31%)

Magenta (34%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 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 169, 177, 154 by changing the saturation by 10% instead.


 169, 177, 154

255, 255, 255

 225, 233, 208

 241, 255, 237

 169, 177, 154

 141, 150, 128

 116, 124, 103

 92, 99, 79

 67, 75, 56

 44, 52, 35

 22, 31, 13

 0, 0, 0

 169, 177, 154

 162, 177, 136

 169, 177, 154

 175, 177, 172

■ 157, 177, 119

■ 177, 181, 189

■ 151, 177, 101

■ 177, 186, 207

■ 144, 177, 83

■ 177, 191, 225

■ 139, 177, 66

■ 177, 196, 243

■ 132, 177, 48

■ 177, 200, 255

■ 126, 177, 30

■ 177, 203, 255

■ 119, 177, 12

■ 177, 206, 255

■ 116, 177, 0

■ 177, 209, 255

Harmonies

Analogous

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



183, 171, 157



169, 177, 154



155, 170, 156

Triad

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



169, 177, 154



150, 162, 175



178, 165, 178

Complementary

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



169, 177, 154



154, 160, 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.



169, 168, 183



169, 177, 154



153, 164, 181

Square

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



169, 177, 154



153, 166, 174



160, 167, 184



184, 164, 171

Rectangle

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



169, 177, 154



158, 172, 167



160, 167, 184



175, 166, 180

Sweetspot

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



169, 177, 154



227, 230, 220



177, 154, 163



115, 115, 109



242, 242, 242



115, 115, 115

Same Dimension

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



169, 177, 154



218, 230, 193



154, 177, 156



85, 89, 80



99, 153, 0



19, 26, 0

Inverse Universe

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



154, 160, 177



193, 203, 230



156, 154, 177



80, 83, 89



0, 43, 153



0, 7, 26

Previews

White Background



This preview shows how the RYB color 169, 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 169, 177, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

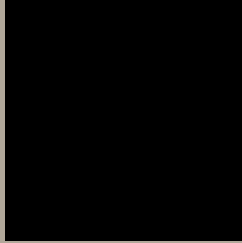
Any Text WCAG AA ✓ Pass

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 169, 177, 154 Background



This preview shows how black text looks on a background with the R/Y/B color 169, 177, 154.

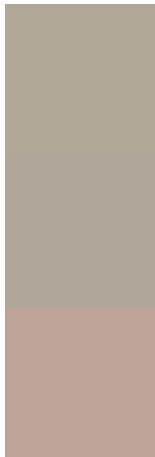


This preview shows how white text looks on a background with the R/Y/B color 169, 177, 154.

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
169, 177, 154

Protanopia
165, 175, 154

Deuteranopia
190, 165, 155



Tritanopia
180, 164, 177

Trichromacy



Original Color

169, 177, 154

Protanomaly

167, 176, 154

Deuteranomaly

185, 170, 155

Tritanomaly

179, 165, 169

Monochromacy



Original Color

169, 177, 154

Achromatopsia

169, 169, 169

Achromatomaly

169, 172, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 169, 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, 168, 154) looks like.

```
.text, #text, p{  
    color:rgb(177, 168, 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, 168, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 168, 154) }
```

Border

The CSS property to change the border of an element to RYB 169, 177, 154 is called "border". The border property can be set on classes, ids or directly on the HTML element.

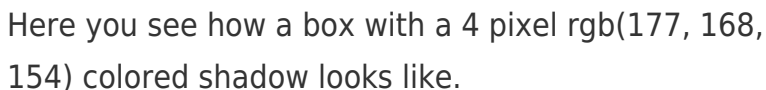
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 168, 154) }
```

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

```
.border{ border-color:rgb(177, 168, 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, 168, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 168, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 168, 154); box-shadow:4px 4px 4px 4px rgb(177, 168, 154) }
```

Background

The CSS property to change the background color of an element to RYB 169, 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, 168, 154) }
```

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

```
.background{ background-color: rgb(177,  
168, 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](#).

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