

Converting Colors

`RYB(165, 174, 154)`

Have a look what the booklet for RYB(165, 174, 154) contains.

RYB(165, 174, 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(165, 174, 154)

Conversions

Conversions Part 1

Format	Color
Hex	AEA79A
RGB	174, 167, 154
RGB Percent	68%, 65%, 60%
CMY	0.3176, 0.3455, 0.3961
CMYK	0.00, 0.04, 0.11, 0.32
HSL	39°, 11%, 64%
HSV	39°, 11%, 68%
XYZ	37.0893, 38.9338, 36.1320
YIQ	167.6110, 8.3450, -2.5590

Conversions

Conversions Part 2

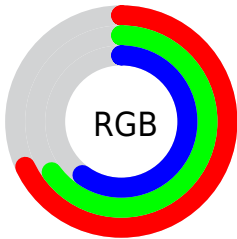
Format	Color
RYB	165, 174, 154
Decimal	11446170
CIELab	68.70, 0.28, 7.57
CIElCh	69, 7.580, 87.915
Yxy	38.9338, 0.3307, 0.3471
Android (android.graphics.Color)	4289636250 (0xFFAEA79A)
YUV	167.6110, -6.7102, 5.6032
Hunter-Lab	62.3969, -3.0926, 9.3450

Details

The RYB color **165, 174, 154** is a light color, and the websafe version is hex **999999**. A complement of this color would be **154, 159, 174**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **221, 230, 208**, and **114, 122, 103** is the 20% darker color. If you saturate the color by 10%, you get **157, 174, 137**, and if you desaturate by 10%, it is **173, 174, 171**.

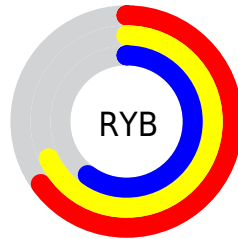
Distribution



Red (68%)

Green (65%)

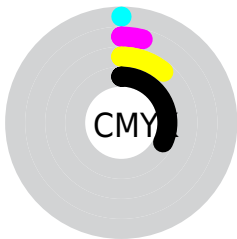
Blue (60%)



Red (65%)

Yellow (68%)

Blue (60%)

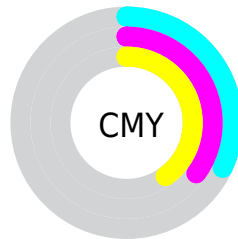


Cyan (0%)

Magenta (4%)

Yellow (11%)

Black (32%)



Cyan (32%)

Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 174, 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 165, 174, 154 by changing the saturation by 10% instead.


 165, 174, 154


255, 255, 255

 221, 230, 208

 242, 255, 237

 165, 174, 154

 137, 147, 128

 114, 122, 103

 88, 97, 79


 65, 73, 56


 43, 50, 35

 20, 29, 13

 0, 0, 0

 165, 174, 154

 157, 174, 137

 165, 174, 154

 173, 174, 171

■ 148, 174, 119

■ 174, 178, 189

■ 143, 174, 102

■ 174, 182, 206

■ 134, 174, 84

■ 174, 187, 224

■ 126, 174, 67

■ 174, 192, 241

■ 118, 174, 50

■ 174, 196, 255

■ 109, 174, 32

■ 174, 199, 255

■ 101, 174, 15

■ 174, 202, 255

■ 96, 174, 0

■ 174, 204, 255

Harmonies

Analogous

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



180, 170, 156



165, 174, 154



155, 169, 158

Triad

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



165, 174, 154



151, 162, 174



176, 164, 175

Complementary

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



165, 174, 154



154, 159, 174

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, 166, 180



165, 174, 154



154, 164, 179

Square

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



165, 174, 154



153, 164, 172



160, 166, 181



181, 163, 168

Rectangle

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



165, 174, 154



158, 170, 167



160, 166, 181



174, 165, 177

Sweetspot

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



165, 174, 154



223, 227, 220



174, 154, 161



113, 115, 110



242, 242, 242



115, 115, 115

Same Dimension

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



165, 174, 154



212, 227, 195



154, 174, 157



83, 87, 78



82, 150, 0



12, 23, 0

Inverse Universe

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



154, 159, 174



195, 203, 227



157, 154, 174



78, 80, 87



0, 39, 150



0, 6, 23

Previews

White Background



This preview shows how the RYB color 165, 174, 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 165, 174, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

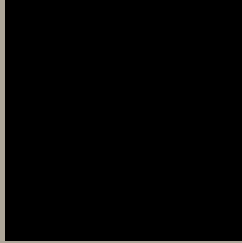
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

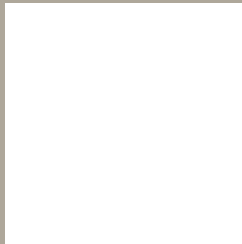
Any Text WCAG AAA ✓ Pass

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

R/Y/B 165, 174, 154 Background



This preview shows how black text looks on a background with the R/Y/B color 165, 174, 154.



This preview shows how white text looks on a background with the R/Y/B color 165, 174, 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
165, 174, 154

Protanopia
165, 174, 154

Deuteranopia
188, 164, 155



Tritanopia
177, 164, 176

Trichromacy



Original Color

165, 174, 154

Protanomaly

165, 174, 154

Deuteranomaly

183, 168, 155

Tritanomaly

176, 165, 168

Monochromacy



Original Color

165, 174, 154

Achromatopsia

168, 168, 168

Achromatomaly

166, 170, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 174, 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(174, 167, 154) looks like.

```
.text, #text, p{  
    color:rgb(174, 167, 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(174, 167, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 167, 154) }
```

Border

The CSS property to change the border of an element to RYB 165, 174, 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(174, 167, 154) }
```

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

```
.border{ border-color:rgb(174, 167, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 167, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 167, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 167, 154);  
box-shadow:4px 4px 4px 4px rgb(174, 167,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 165, 174, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 167, 154) }
```

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

```
.background{ background-color: rgb(174,  
167, 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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