

Converting Colors

`RYB(165, 174, 161)`

Have a look what the booklet for
RYB(165, 174, 161) contains.

RYB(165, 174, 161)	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, 161)

Conversions

Conversions Part 1

Format	Color
Hex	AEABA1
RGB	174, 171, 161
RGB Percent	68%, 67%, 63%
CMY	0.3176, 0.3296, 0.3686
CMYK	0.00, 0.02, 0.07, 0.32
HSL	46°, 7%, 66%
HSV	46°, 7%, 68%
XYZ	38.4404, 40.6755, 39.5433
YIQ	170.7570, 4.9980, -2.4740

Conversions

Conversions Part 2

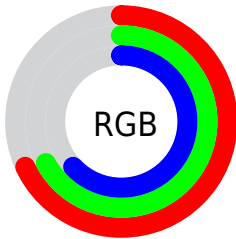
Format	Color
RYB	165, 174, 161
Decimal	11447201
CIELab	69.95, -0.71, 5.49
CIELCh	70, 5.539, 97.318
Yxy	40.6755, 0.3240, 0.3428
Android (android.graphics.Color)	4289637281 (0xFFAEABA1)
YUV	170.7570, -4.8102, 2.8441
Hunter-Lab	63.7773, -4.0234, 7.8830

Details

The RYB color **165, 174, 161** is a light color, and the websafe version is hex **999999**. A complement of this color would be **161, 163, 174**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **220, 229, 216**, and **114, 122, 110** is the 20% darker color. If you saturate the color by 10%, you get **153, 174, 144**, and if you desaturate by 10%, it is **174, 175, 178**.

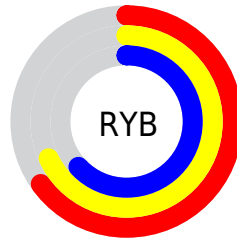
Distribution



Red (68%)

Green (67%)

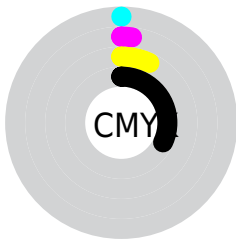
Blue (63%)



Red (65%)

Yellow (68%)

Blue (63%)

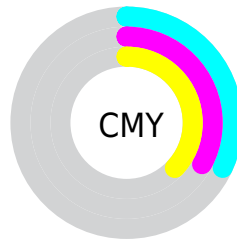


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (32%)



Cyan (32%)

Magenta (33%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 174, 161 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, 161 by changing the saturation by 10% instead.


 165, 174, 161

255, 255, 255

 220, 229, 216

 244, 255, 244

 165, 174, 161

 139, 147, 135

 114, 122, 110

 89, 97, 85

 64, 73, 62

 43, 50, 40


 23, 29, 20

 0, 0, 0

 165, 174, 161

 153, 174, 144

 165, 174, 161

 174, 175, 178

■ 140, 174, 126

■ 174, 178, 196

■ 129, 174, 109

■ 174, 181, 213

■ 116, 174, 91

■ 174, 185, 231

■ 106, 174, 74

■ 174, 188, 248

■ 94, 174, 57

■ 174, 191, 255

■ 81, 174, 39

■ 174, 194, 255

■ 69, 174, 22

■ 174, 196, 255

■ 56, 174, 4

■ 174, 198, 255

Harmonies

Analogous

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



179, 174, 162



165, 174, 161



163, 173, 168

Triad

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



165, 174, 161



159, 167, 177



179, 168, 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, 161



161, 163, 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.



174, 169, 179



165, 174, 161



162, 168, 180

Square

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



165, 174, 161



159, 167, 174



167, 170, 181



182, 168, 170

Rectangle

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



165, 174, 161



164, 172, 173



167, 170, 181



177, 168, 176

Sweetspot

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



165, 174, 161



223, 227, 222



174, 161, 164



114, 115, 112



242, 242, 242



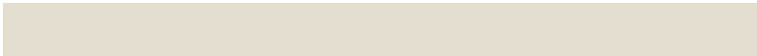
115, 115, 115

Same Dimension

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



165, 174, 161



214, 227, 207



161, 174, 164



81, 87, 78



46, 150, 0



6, 23, 0

Inverse Universe

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



161, 163, 174



207, 210, 227



164, 161, 174



78, 80, 87



0, 28, 150



0, 4, 23

Previews

White Background



This preview shows how the RYB color 165, 174, 161 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, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

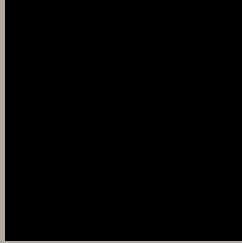
Any Text WCAG AA ✓ Pass

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 165, 174, 161 Background



This preview shows how black text looks on a background with the RYB color 165, 174, 161.

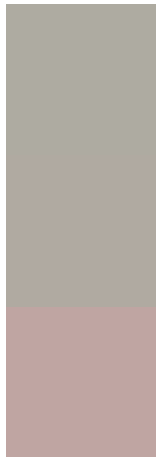


This preview shows how white text looks on a background with the RYB color 165, 174, 161.

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, 161

Protanopia
171, 176, 161

Deuteranopia
191, 165, 162



Tritanopia
177, 168, 181

Trichromacy



Original Color

165, 174, 161

Protanomaly

169, 175, 161

Deuteranomaly

185, 168, 162

Tritanomaly

176, 169, 174

Monochromacy



Original Color

165, 174, 161

Achromatopsia

171, 171, 171

Achromatomaly

168, 172, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 174, 161 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, 171, 161)` looks like.

```
.text, #text, p{  
    color:rgb(174, 171, 161)  
}
```

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, 171, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 171, 161) }
```

Border

The CSS property to change the border of an element to RYB 165, 174, 161 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, 171, 161) }
```

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

```
.border{ border-color:rgb(174, 171, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 171, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 171, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 171, 161);  
box-shadow:4px 4px 4px 4px rgb(174, 171,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 165, 174, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 171, 161) }
```

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

```
.background{ background-color: rgb(174,  
171, 161) }
```

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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