

Converting Colors

`RYB(174, 169, 171)`

Have a look what the booklet for RYB(174, 169, 171) contains.

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Color

$\text{RYB}(174, 169, 171)$

Conversions

Conversions Part 1

Format	Color
Hex	AEA9AB
RGB	174, 169, 171
RGB Percent	68%, 66%, 67%
CMY	0.3176, 0.3373, 0.3294
CMYK	0.00, 0.03, 0.02, 0.32
HSL	336°, 3%, 67%
HSV	336°, 3%, 68%
XYZ	38.9942, 40.3149, 44.2544
YIQ	170.7230, 2.3380, 1.6820

Conversions

Conversions Part 2

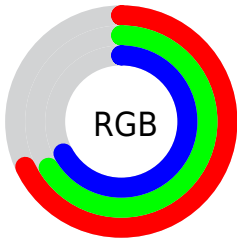
Format	Color
RYB	174, 169, 171
Decimal	11446699
CIELab	69.69, 2.16, -0.40
CIELCh	70, 2.197, 349.483
Yxy	40.3149, 0.3156, 0.3263
Android (android.graphics.Color)	4289636779 (0xFFAEA9AB)
YUV	170.7230, 0.1366, 2.8739
Hunter-Lab	63.4940, -1.4905, 3.1215

Details

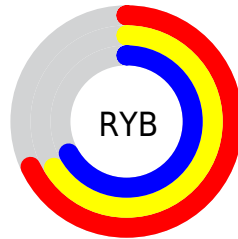
The RYB color **174, 169, 171** is a light color, and the websafe version is hex **999999**. A complement of this color would be **169, 172, 174**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **229, 224, 226**, and **122, 117, 119** is the 20% darker color. If you saturate the color by 10%, you get **174, 152, 161**, and if you desaturate by 10%, it is **174, 182, 186**.

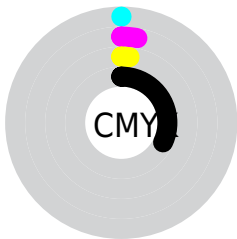
Distribution



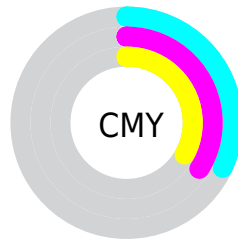
- Red (68%)
- Green (66%)
- Blue (67%)



- Red (68%)
- Yellow (66%)
- Blue (67%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (32%)



- Cyan (32%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 169, 171 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 174, 169, 171 by changing the saturation by 10% instead.

■ 174, 169, 171

255, 255, 255

■ 229, 224, 226

■ 255, 253, 255

■ 174, 169, 171

■ 147, 143, 145

■ 122, 117, 119

■ 97, 92, 94

■ 73, 69, 71

■ 51, 47, 48


■ 30, 26, 27

■ 2, 0, 0


■ 0, 0, 0

■ 174, 169, 171


■ 174, 169, 171

 174, 152, 161

 174, 182, 186

 174, 134, 150

 174, 193, 204

 174, 117, 140


 174, 203, 221

 174, 99, 129

 174, 215, 239

 174, 82, 119

 174, 224, 255

 174, 65, 108

 174, 221, 255

 174, 47, 98

 174, 217, 255

 174, 30, 87

 174, 215, 255

 174, 12, 77

Harmonies

Analogous

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



172, 169, 173



174, 169, 171



175, 169, 169

Triad

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



174, 169, 171



166, 171, 166



166, 169, 173

Complementary

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



174, 169, 171



169, 172, 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.



166, 169, 171



174, 169, 171



168, 171, 171

Square

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



174, 169, 171



171, 173, 166



166, 169, 171



168, 170, 174

Rectangle

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



174, 169, 171



175, 169, 168



166, 169, 171



166, 169, 173

Sweetspot

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



174, 169, 171



227, 225, 226



172, 169, 174



115, 114, 114



242, 242, 242



115, 115, 115

Same Dimension

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



174, 169, 171



227, 220, 223



174, 170, 169



87, 83, 85



150, 0, 60



23, 0, 9

Inverse Universe

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



174, 169, 171



227, 220, 223



169, 172, 174



87, 83, 85



150, 0, 60



23, 0, 9

Previews

White Background



This preview shows how the RYB color 174, 169, 171 looks on a white background.

Color Contrast Check

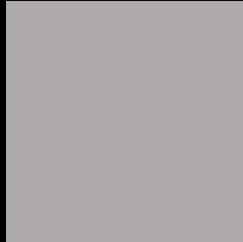
Large Text (above 18pt) WCAG AA × Fail

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 174, 169, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

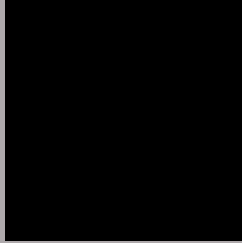
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

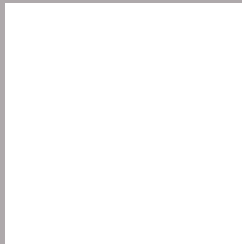
Any Text WCAG AAA ✓ Pass

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

RYB 174, 169, 171 Background



This preview shows how black text looks on a background with the RYB color 174, 169, 171.

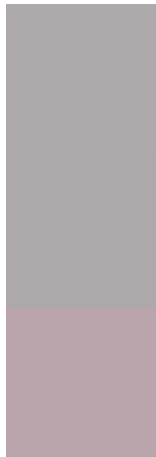


This preview shows how white text looks on a background with the RYB color 174, 169, 171.

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
174, 169, 171

Protanopia
173, 169, 171

Deuteranopia
186, 165, 172



Tritanopia
175, 167, 181

Trichromacy



Original Color

174, 169, 171

Protanomaly

173, 169, 171

Deuteranomaly

182, 166, 172

Tritanomaly

175, 168, 177

Monochromacy



Original Color

174, 169, 171

Achromatopsia

171, 171, 171

Achromatomaly

172, 170, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 169, 171 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, 169, 171) looks like.

```
.text, #text, p{  
    color:rgb(174, 169, 171)  
}
```

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, 169, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 169, 171) }
```

Border

The CSS property to change the border of an element to RYB 174, 169, 171 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, 169, 171) }
```

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

```
.border{ border-color:rgb(174, 169, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 169, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 169, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 169, 171);  
box-shadow:4px 4px 4px 4px rgb(174, 169,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 174, 169, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 169, 171) }
```

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

```
.background{ background-color: rgb(174,  
169, 171) }
```

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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