

Converting Colors

`RYB(174, 149, 161)`

Have a look what the booklet for
RYB(174, 149, 161) contains.

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Color

$\text{RYB}(174, 149, 161)$

Conversions

Conversions Part 1

Format	Color
Hex	AE95A1
RGB	174, 149, 161
RGB Percent	68%, 58%, 63%
CMY	0.3176, 0.4157, 0.3686
CMYK	0.00, 0.14, 0.07, 0.32
HSL	331°, 13%, 63%
HSV	331°, 14%, 68%
XYZ	34.6360, 33.0668, 38.2752
YIQ	157.8430, 11.0480, 9.0320

Conversions

Conversions Part 2

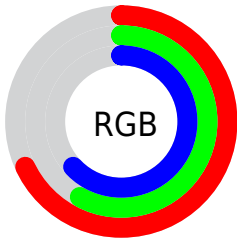
Format	Color
RYB	174, 149, 161
Decimal	11441569
CIELab	64.21, 11.38, -2.85
CIELCh	64, 11.733, 345.947
Yxy	33.0668, 0.3268, 0.3120
Android (android.graphics.Color)	4289631649 (0xFFAE95A1)
YUV	157.8430, 1.5564, 14.1697
Hunter-Lab	57.5037, 6.8838, 0.7884

Details

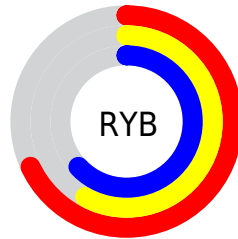
The RYB color **174, 149, 161** is a light color, and the websafe version is hex **999999**. A complement of this color would be **149, 165, 174**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **230, 203, 216**, and **121, 98, 110** is the 20% darker color. If you saturate the color by 10%, you get **174, 132, 152**, and if you desaturate by 10%, it is **174, 166, 170**.

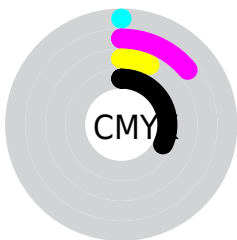
Distribution



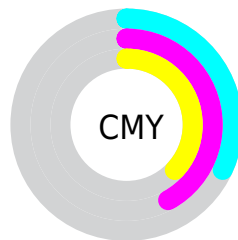
- Red (68%)
- Green (58%)
- Blue (63%)



- Red (68%)
- Yellow (58%)
- Blue (63%)



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (32%)



- Cyan (32%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 149, 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 174, 149, 161 by changing the saturation by 10% instead.


 174, 149, 161

255, 255, 255

 230, 203, 216

 255, 231, 244

 174, 149, 161

 147, 123, 135

 121, 98, 110


 96, 74, 85


 73, 52, 62


 50, 30, 40


 30, 7, 20

 0, 0, 0

 174, 149, 161

 174, 132, 152

 174, 149, 161

 174, 166, 170

■ 174, 114, 143

■ 174, 181, 184

■ 174, 97, 134

■ 174, 192, 201

■ 174, 79, 125

■ 174, 204, 219

■ 174, 62, 116

■ 174, 215, 236

■ 174, 45, 107

■ 174, 226, 253

■ 174, 27, 98

■ 174, 224, 255

■ 174, 10, 89

■ 174, 221, 255

■ 174, 0, 84

■ 174, 218, 255

Harmonies

Analogous

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



164, 151, 170



174, 149, 161



178, 149, 150

Triad

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



174, 149, 161



137, 158, 136



131, 148, 170

Complementary

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



174, 149, 161



149, 165, 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.



129, 146, 162



174, 149, 161



141, 160, 155

Square

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



174, 149, 161



167, 169, 136



135, 152, 162



139, 152, 176

Rectangle

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



174, 149, 161



178, 151, 144



135, 152, 162



129, 146, 167

Sweetspot

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



174, 149, 161



227, 218, 222



162, 149, 174



115, 109, 112



242, 242, 242



115, 115, 115

Same Dimension

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



174, 149, 161



227, 188, 207



174, 149, 149



87, 78, 82



150, 0, 72



23, 0, 11

Inverse Universe

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



174, 149, 161



227, 188, 207



149, 162, 174



87, 78, 82



150, 0, 72



23, 0, 11

Previews

White Background



This preview shows how the RYB color 174, 149, 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 174, 149, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

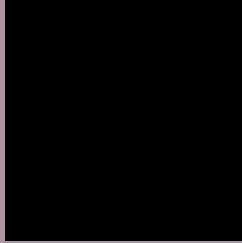
Any Text WCAG AA ✓ Pass

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 174, 149, 161 Background



This preview shows how black text looks on a background with the RYB color 174, 149, 161.



This preview shows how white text looks on a background with the RYB color 174, 149, 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
174, 149, 161

Protanopia
156, 155, 164

Deuteranopia
169, 151, 161



Tritanopia
174, 149, 161

Trichromacy



Original Color

174, 149, 161

Protanomaly

163, 153, 163

Deuteranomaly

171, 150, 161

Tritanomaly

174, 149, 161

Monochromacy



Original Color

174, 149, 161

Achromatopsia

158, 158, 158

Achromatomaly

164, 155, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 149, 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, 149, 161) looks like.

```
.text, #text, p{  
    color:rgb(174, 149, 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, 149, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 149, 161) }
```

Border

The CSS property to change the border of an element to RYB 174, 149, 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, 149, 161) }
```

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

```
.border{ border-color:rgb(174, 149, 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, 149, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 149, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 149, 161);  
box-shadow:4px 4px 4px 4px rgb(174, 149,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 174, 149, 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, 149, 161) }
```

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

```
.background{ background-color: rgb(174,  
149, 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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