

Converting Colors

`RYB(174, 151, 157)`

Have a look what the booklet for
RYB(174, 151, 157) contains.

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Color

R_YB(174, 151, 157)

Conversions

Conversions Part 1

Format	Color
Hex	AE979D
RGB	174, 151, 157
RGB Percent	68%, 59%, 62%
CMY	0.3176, 0.4078, 0.3843
CMYK	0.00, 0.13, 0.10, 0.32
HSL	344°, 12%, 64%
HSV	344°, 13%, 68%
XYZ	34.6080, 33.5662, 36.5532
YIQ	158.5610, 11.7820, 6.7420

Conversions

Conversions Part 2

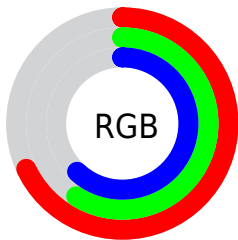
Format	Color
RYB	174, 151, 157
Decimal	11442077
CIELab	64.62, 9.55, -0.01
CIELCh	65, 9.553, 359.960
Yxy	33.5662, 0.3305, 0.3205
Android (android.graphics.Color)	4289632157 (0xFFAE979D)
YUV	158.5610, -0.7696, 13.5400
Hunter-Lab	57.9364, 5.2374, 3.1482

Details

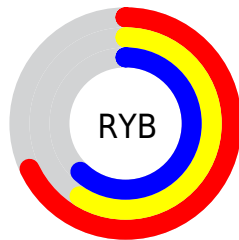
The RYB color **174, 151, 157** is a light color, and the websafe version is hex **999999**. A complement of this color would be **151, 164, 174**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **230, 205, 212**, and **121, 100, 106** is the 20% darker color. If you saturate the color by 10%, you get **174, 134, 144**, and if you desaturate by 10%, it is **174, 168, 170**.

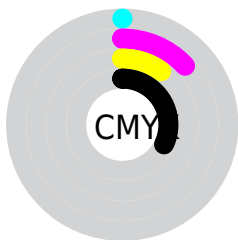
Distribution



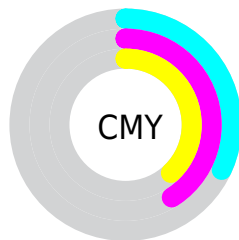
- Red (68%)
- Green (59%)
- Blue (62%)



- Red (68%)
- Yellow (59%)
- Blue (62%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (32%)




- Cyan (32%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 151, 157 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, 151, 157 by changing the saturation by 10% instead.

 174, 151, 157

255, 255, 255


 230, 205, 212


 255, 233, 240

 174, 151, 157

 147, 125, 131

 121, 100, 106

 96, 76, 82

 73, 53, 59


 50, 32, 37

 30, 9, 16


 0, 0, 0

 174, 151, 157

 174, 134, 144

 174, 151, 157

 174, 168, 170

 174, 116, 131

 174, 181, 186

 174, 99, 118

 174, 190, 203

 174, 81, 106

 174, 201, 221

 174, 64, 93

 174, 211, 238

 174, 47, 80

 174, 221, 255

 174, 29, 67

 174, 217, 255

 174, 12, 54

 174, 215, 255

 174, 0, 45

Harmonies

Analogous

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



168, 152, 165



174, 151, 157



175, 151, 149

Triad

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



174, 151, 157



142, 159, 147



139, 152, 171

Complementary

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



174, 151, 157



151, 164, 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.



135, 149, 165



174, 151, 157



145, 158, 161

Square

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



174, 151, 157



152, 164, 140



138, 152, 162



148, 155, 174

Rectangle

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



174, 151, 157



173, 157, 144



138, 152, 162



137, 151, 169

Sweetspot

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



174, 151, 157



227, 218, 220



168, 151, 174



115, 109, 111



242, 242, 242



115, 115, 115

Same Dimension

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



174, 151, 157



227, 191, 200



174, 157, 151



87, 78, 80



150, 0, 39



23, 0, 6

Inverse Universe

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



174, 151, 157



227, 191, 200



151, 161, 174



87, 78, 80



150, 0, 39



23, 0, 6

Previews

White Background



This preview shows how the RYB color 174, 151, 157 looks on a white background.

Color Contrast Check

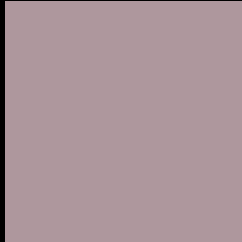
Large Text (above 18pt) WCAG AA × Fail

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, 151, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

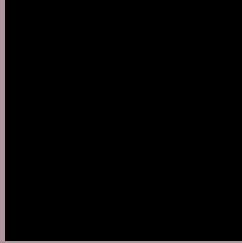
Any Text WCAG AA ✓ Pass

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, 151, 157 Background



This preview shows how black text looks on a background with the RYB color 174, 151, 157.



This preview shows how white text looks on a background with the RYB color 174, 151, 157.

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, 151, 157

Protanopia

159, 156, 160

Deuteranopia

172, 152, 157



Tritanopia
175, 150, 162

Trichromacy



Original Color

174, 151, 157

Protanomaly

164, 154, 159

Deuteranomaly

173, 152, 157

Tritanomaly

175, 150, 160

Monochromacy



Original Color

174, 151, 157

Achromatopsia

159, 159, 159

Achromatomaly

164, 156, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 151, 157 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, 151, 157) looks like.

```
.text, #text, p{  
    color:rgb(174, 151, 157)  
}
```

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, 151, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 151, 157) }
```

Border

The CSS property to change the border of an element to RYB 174, 151, 157 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, 151, 157) }
```

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

```
.border{ border-color:rgb(174, 151, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 151, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 151, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 151, 157);  
box-shadow:4px 4px 4px 4px rgb(174, 151,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 174, 151, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 151, 157) }
```

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

```
.background{ background-color: rgb(174,  
151, 157) }
```

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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