

Converting Colors

`RYB(174, 163, 175)`

Have a look what the booklet for RYB(174, 163, 175) contains.

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Color

R_{YB}(174, 163, 175)

Conversions

Conversions Part 1

Format	Color
Hex	AEA3AF
RGB	174, 163, 175
RGB Percent	68%, 64%, 69%
CMY	0.3176, 0.3608, 0.3137
CMYK	0.01, 0.07, 0.00, 0.31
HSL	295°, 7%, 66%
HSV	295°, 7%, 69%
XYZ	38.2906, 38.2882, 45.9297
YIQ	167.6570, 2.7040, 6.0640

Conversions

Conversions Part 2

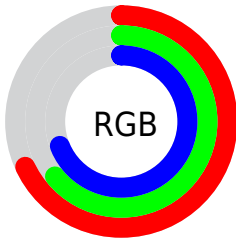
Format	Color
RYB	174, 163, 175
Decimal	11445167
CIELab	68.23, 6.21, -4.77
CIELCh	68, 7.826, 322.487
Yxy	38.2882, 0.3126, 0.3125
Android (android.graphics.Color)	4289635247 (0xFFAEA3AF)
YUV	167.6570, 3.6201, 5.5628
Hunter-Lab	61.8775, 2.1727, -0.6949

Details

The RYB color **174, 163, 175** is a light color, and the websafe version is hex **999999**. A complement of this color would be **163, 175, 174**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **229, 218, 231**, and **122, 111, 123** is the 20% darker color. If you saturate the color by 10%, you get **173, 146, 175**, and if you desaturate by 10%, it is **175, 180, 180**.

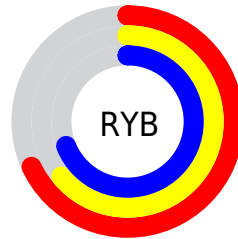
Distribution



Red (68%)

Green (64%)

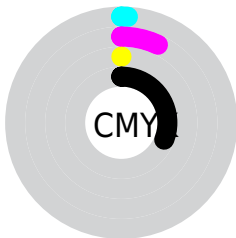
Blue (69%)



Red (68%)

Yellow (64%)

Blue (69%)

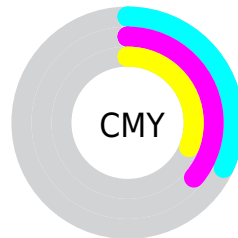


Cyan (1%)

Magenta (7%)

Yellow (0%)

Black (31%)



Cyan (32%)

Magenta (36%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 163, 175 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, 163, 175 by changing the saturation by 10% instead.

■ 174, 163, 175

255, 255, 255

■ 229, 218, 231

■ 255, 246, 255

■ 174, 163, 175

■ 147, 137, 148

■ 122, 111, 123

■ 97, 87, 98

■ 73, 64, 74

■ 50, 42, 51

■ 29, 21, 30

■ 0, 0, 4

■ 0, 0, 0

■ 174, 163, 175

■ 174, 163, 175

173, 146, 175

175, 180, 180

171, 128, 175

175, 198, 196

170, 111, 175

175, 215, 212

168, 93, 175

175, 233, 228

167, 75, 175

175, 251, 245

165, 58, 175

175, 255, 247

164, 41, 175

175, 255, 246

162, 23, 175

175, 255, 244

161, 5, 175

175, 255, 243

Harmonies

Analogous

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



166, 165, 179



174, 163, 175



180, 162, 168

Triad

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



174, 163, 175



167, 174, 152



149, 160, 171

Complementary

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



174, 163, 175



163, 175, 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.



152, 164, 171



174, 163, 175



153, 168, 155

Square

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



174, 163, 175



180, 167, 155



158, 169, 169



151, 162, 177

Rectangle

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



174, 163, 175



182, 162, 164



158, 169, 169



149, 161, 171

Sweetspot

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



174, 163, 175



227, 222, 227



163, 164, 175



115, 112, 115



242, 242, 242



115, 115, 115

Same Dimension

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



174, 163, 175



225, 209, 227



175, 163, 170



86, 78, 87



138, 0, 150



21, 0, 23

Inverse Universe

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



175, 163, 164



227, 209, 210



163, 171, 175



87, 78, 79



150, 0, 13



23, 0, 2

Previews

White Background



This preview shows how the RYB color 174, 163, 175 looks on a white background.

Color Contrast Check

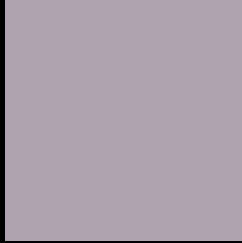
Large Text (above 18pt) WCAG AA × Fail

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, 163, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

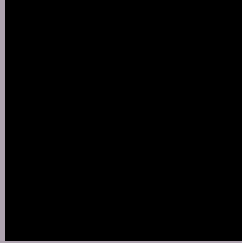
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

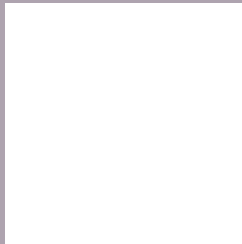
Any Text WCAG AAA ✓ Pass

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

RYP 174, 163, 175 Background



This preview shows how black text looks on a background with the RYB color 174, 163, 175.



This preview shows how white text looks on a background with the RYB color 174, 163, 175.

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, 163, 175

Protanopia
166, 165, 176

Deuteranopia
178, 161, 175



Tritanopia
174, 163, 176

Trichromacy



Original Color

174, 163, 175

Protanomaly

169, 164, 176

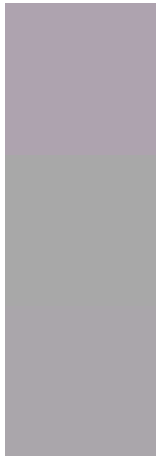
Deuteranomaly

177, 162, 175

Tritanomaly

174, 163, 176

Monochromacy



Original Color

174, 163, 175

Achromatopsia

168, 168, 168

Achromatomaly

170, 166, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 163, 175 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, 163, 175) looks like.

```
.text, #text, p{  
    color:rgb(174, 163, 175)  
}
```

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, 163, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 163, 175) }
```

Border

The CSS property to change the border of an element to RYB 174, 163, 175 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, 163, 175) }
```

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

```
.border{ border-color:rgb(174, 163, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 163, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 163, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 163, 175);  
box-shadow:4px 4px 4px 4px rgb(174, 163,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 174, 163, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 163, 175) }
```

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

```
.background{ background-color: rgb(174,  
163, 175) }
```

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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