

Converting Colors

`RYB(173, 166, 170)`

Have a look what the booklet for
RYB(173, 166, 170) contains.

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Color

R_YB(173, 166, 170)

Conversions

Conversions Part 1

Format	Color
Hex	ADA6AA
RGB	173, 166, 170
RGB Percent	68%, 65%, 67%
CMY	0.3216, 0.3490, 0.3333
CMYK	0.00, 0.04, 0.02, 0.32
HSL	326°, 4%, 66%
HSV	326°, 4%, 68%
XYZ	38.1255, 39.0590, 43.5599
YIQ	168.5490, 2.8880, 2.7280

Conversions

Conversions Part 2

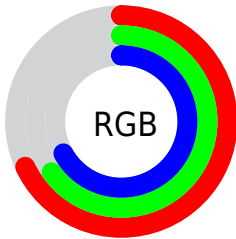
Format	Color
R _Y B	173, 166, 170
Decimal	11380394
CIE Lab	68.79, 3.26, -1.17
CIE LCh	69, 3.461, 340.200
Yxy	39.0590, 0.3158, 0.3235
Android (android.graphics.Color)	4289570474 (0xFFADA6AA)
YUV	168.5490, 0.7153, 3.9035
Hunter-Lab	62.4972, -0.4787, 2.4235

Details

The RYB color **173, 166, 170** is a light color, and the websafe version is hex **999999**. A complement of this color would be **166, 171, 173**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **228, 221, 225**, and **121, 114, 118** is the 20% darker color. If you saturate the color by 10%, you get **173, 149, 163**, and if you desaturate by 10%, it is **173, 180, 183**.

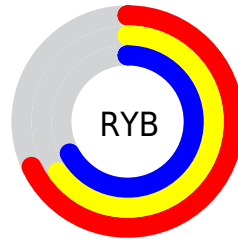
Distribution



Red (68%)

Green (65%)

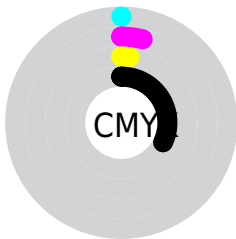
Blue (67%)



Red (68%)

Yellow (65%)

Blue (67%)

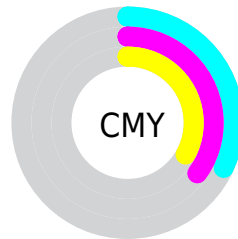


Cyan (0%)

Magenta (4%)

Yellow (2%)

Black (32%)



Cyan (32%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 166, 170 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 173, 166, 170 by changing the saturation by 10% instead.

 173, 166, 170


255, 255, 255

 228, 221, 225

 255, 250, 254

 173, 166, 170

 146, 140, 144

 121, 114, 118

 96, 90, 93


 72, 66, 70

 50, 44, 47

 29, 24, 27

 0, 0, 0

 173, 166, 170

 173, 149, 163

 173, 166, 170

 173, 180, 183

■ 173, 131, 155

■ 173, 193, 201

■ 173, 114, 148

■ 173, 205, 218

■ 173, 97, 140

■ 173, 216, 235

■ 173, 80, 133

■ 173, 228, 252

■ 173, 62, 126

■ 173, 228, 255

■ 173, 45, 118

■ 173, 224, 255

■ 173, 28, 111

■ 173, 222, 255

■ 173, 10, 103

■ 173, 219, 255

Harmonies

Analogous

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



170, 167, 173



173, 166, 170



175, 166, 167

Triad

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



173, 166, 170



163, 169, 162



161, 166, 172

Complementary

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



173, 166, 170



166, 171, 173

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.



161, 166, 170



173, 166, 170



163, 169, 166

Square

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



173, 166, 170



173, 171, 162



163, 168, 170



163, 167, 174

Rectangle

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



173, 166, 170



175, 166, 165



163, 168, 170



160, 165, 171

Sweetspot

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



173, 166, 170



224, 222, 223



169, 166, 173



112, 111, 112



240, 240, 240



112, 112, 112

Same Dimension

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



173, 166, 170



224, 213, 220



173, 166, 167



87, 81, 84



150, 0, 86



23, 0, 13

Inverse Universe

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



173, 166, 170



224, 213, 220



166, 170, 173



87, 81, 84



150, 0, 86



23, 0, 13

Previews

White Background



This preview shows how the RYB color 173, 166, 170 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 173, 166, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

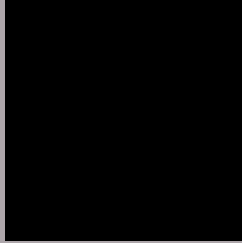
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

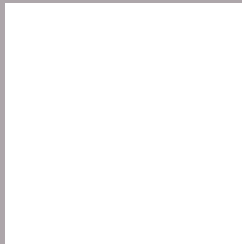
Any Text WCAG AAA ✓ Pass

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

RYB 173, 166, 170 Background



This preview shows how black text looks on a background with the RYB color 173, 166, 170.



This preview shows how white text looks on a background with the RYB color 173, 166, 170.

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
173, 166, 170

Protanopia
170, 167, 171

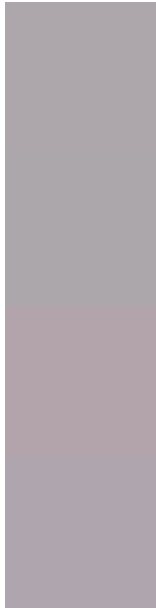
Deuteranopia
183, 163, 171



Tritanopia

174, 165, 178

Trichromacy



Original Color

173, 166, 170

Protanomaly

171, 167, 171

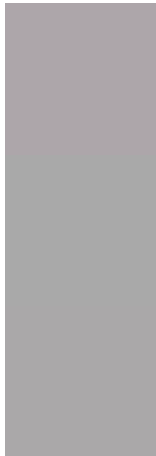
Deuteranomaly

179, 164, 171

Tritanomaly

174, 165, 175

Monochromacy



Original Color

173, 166, 170

Achromatopsia

169, 169, 169

Achromatomaly

170, 168, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 166, 170 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(173, 166, 170)` looks like.

```
.text, #text, p{  
    color:rgb(173, 166, 170)  
}
```

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(173, 166, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 166, 170) }
```

Border

The CSS property to change the border of an element to RYB 173, 166, 170 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(173, 166, 170) }
```

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

```
.border{ border-color:rgb(173, 166, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 166, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 166, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 166, 170);  
box-shadow:4px 4px 4px 4px rgb(173, 166,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 173, 166, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 166, 170) }
```

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

```
.background{ background-color: rgb(173,  
166, 170) }
```

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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