Converting Colors

RYB(172, 166, 170)

Have a look what the booklet for RYB(172, 166, 170) contains.

Color

RYB(172, 166, 170)

Conversions

Format	Color
	Conversions Part 1
Hex	ACA6AA
RGB	172, 166, 170
RGB Percent	67%, 65%, 67%
CMY	0.3255, 0.3490, 0.3333
CMYK	0.00, 0.03, 0.01, 0.33
HSL	320°, 3%, 66%
HSV	320°, 3%, 67%
XYZ	37.9052, 38.9454, 43.5496
YIQ	168.2500, 2.2920, 2.5160

Conversions

Conversions Part 2

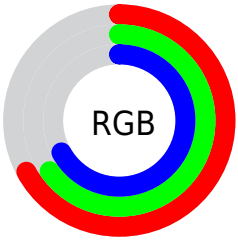
Format	Color
RYB	172, 166, 170
Decimal	11314858
CIELab	68.71, 2.90, -1.30
CIELCh	69, 3.178, 335.806
Yxy	38.9454, 0.3148, 0.3235
Android (android.graphics.Color)	4289504938 (0xFFACA6AA)
YUV	168.2500, 0.8628, 3.2887
Hunter-Lab	62.4062, -0.7910, 2.3094

Details

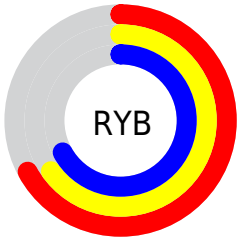
The RYB color 172, 166, 170 is a light color, and the websafe version is hex 999999. A complement of this color would be 166, 171, 172, and the grayscale version is 168, 168, 168.

A 20% lighter version of the original color is 227, 221, 225, and 120, 114, 118 is the 20% darker color. If you saturate the color by 10%, you get 172, 149, 164, and if you desaturate by 10%, it is 172, 180, 183.

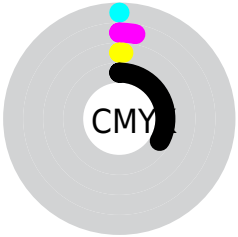
Distribution



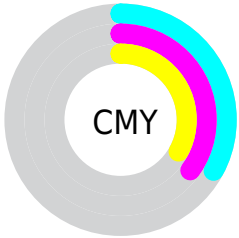
- Red (67%)
- Green (65%)
- Blue (67%)



- Red (67%)
- Yellow (65%)
- Blue (67%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (33%)



- Cyan (33%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 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 172, 166, 170 by changing the saturation by 10% instead.

172, 166, 170	172, 166, 170
255, 255, 255	145, 140, 144
227, 221, 225	120, 114, 118
255, 250, 254	95, 90, 93
	71, 66, 70
	49, 44, 47
	28, 24, 27
	0, 0, 0

172, 166, 170	172, 166, 170
172, 149, 164	172, 180, 183

172, 132, 159	172, 193, 200
172, 114, 153	172, 207, 218
172, 97, 147	172, 219, 235
172, 80, 141	172, 232, 252
172, 63, 136	172, 232, 255
172, 46, 130	172, 229, 255
172, 28, 124	172, 226, 255
172, 11, 118	172, 224, 255

Harmonies

Analogous

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

169, 167, 172

172, 166, 170

174, 166, 167

Triad

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

172, 166, 170

165, 170, 162

161, 165, 171

Complementary

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

172, 166, 170

166, 171, 172

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, 165, 169

172, 166, 170

163, 168, 165

Square

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

172, 166, 170

172, 172, 162

163, 168, 169

163, 167, 173

Rectangle

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

172, 166, 170

174, 166, 165

163, 168, 169

161, 165, 170

Sweetspot

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

172, 166, 170

224, 222, 224

168, 166, 172

112, 111, 112

240, 240, 240

112, 112, 112

Same Dimension

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

172, 166, 170

224, 215, 221

172, 166, 167

87, 82, 85

150, 0, 100

23, 0, 15

Inverse Universe

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

172, 166, 170

224, 215, 221

166, 169, 172

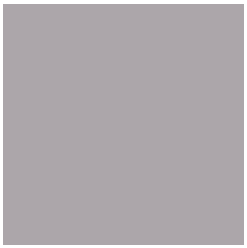
87, 82, 85

150, 0, 100

23, 0, 15

Previews

White Background

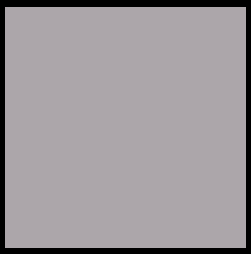


This preview shows how the RYB color 172, 166, 170 looks on a white background.

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



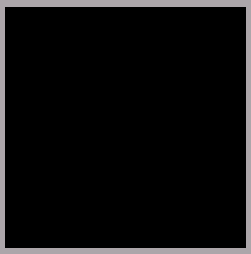
This preview shows how the RYB color 172, 166, 170 looks on a black background.

Color Contrast Check

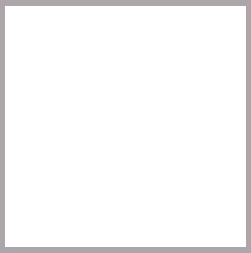
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 172, 166, 170 Background



This preview shows how black text looks on a background with the RYB color 172, 166, 170.

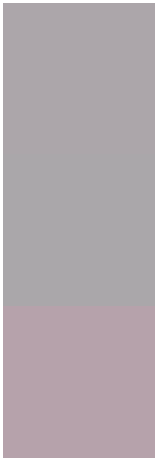


This preview shows how white text looks on a background with the RYB color 172, 166, 170.

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



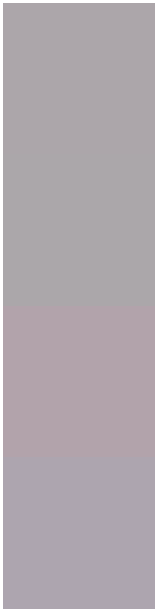
Original Color
172, 166, 170

Protanopia
170, 167, 170

Deuteranopia
182, 162, 171

Tritanopia
173, 165, 178

Trichromacy



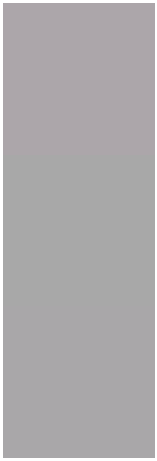
Original Color
172, 166, 170

Protanomaly
171, 167, 170

Deuteranomaly
178, 163, 171

Tritanomaly
173, 165, 175

Monochromacy



Original Color
172, 166, 170

Achromatopsia
168, 168, 168

Achromatomaly
169, 167, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 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(172, 166, 170) looks like.

```
.text, #text, p{
    color:rgb(172, 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(172, 166, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 166, 170) }
```

Border

The CSS property to change the border of an element to RYB 172, 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(172, 166, 170) }
```

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

```
.border{ border-color:rgb(172, 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(172, 166, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 166, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 166, 170); box-shadow:4px 4px 4px 4px rgb(172, 166, 170) }
```

Background

The CSS property to change the background color of an element to RYB 172, 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(172, 166, 170) }
```

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

```
.background{ background-color:rgb(172,
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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