

Converting Colors

`RYB(172, 159, 170)`

Have a look what the booklet for
RYB(172, 159, 170) contains.

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Color

$\text{RYB}(172, 159, 170)$

Conversions

Conversions Part 1

Format	Color
Hex	AC9FAA
RGB	172, 159, 170
RGB Percent	67%, 62%, 67%
CMY	0.3255, 0.3765, 0.3333
CMYK	0.00, 0.08, 0.01, 0.33
HSL	309°, 7%, 65%
HSV	309°, 8%, 67%
XYZ	36.6671, 36.4692, 43.1369
YIQ	164.1410, 4.2170, 6.1770

Conversions

Conversions Part 2

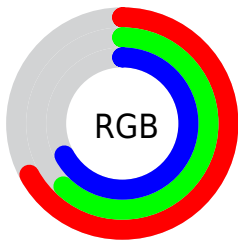
Format	Color
RYB	172, 159, 170
Decimal	11313066
CIELab	66.88, 6.76, -4.00
CIElCh	67, 7.851, 329.379
Yxy	36.4692, 0.3154, 0.3137
Android (android.graphics.Color)	4289503146 (0xFFAC9FAA)
YUV	164.1410, 2.8885, 6.8923
Hunter-Lab	60.3897, 2.6985, -0.0785

Details

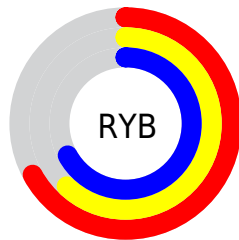
The RYB color **172, 159, 170** is a light color, and the websafe version is hex **999999**. A complement of this color would be **159, 170, 172**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **227, 214, 225**, and **120, 108, 118** is the 20% darker color. If you saturate the color by 10%, you get **172, 142, 167**, and if you desaturate by 10%, it is **172, 175, 176**.

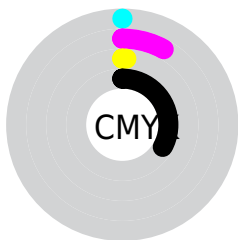
Distribution



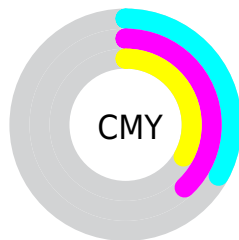
- Red (67%)
- Green (62%)
- Blue (67%)



- Red (67%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (33%)




- Cyan (33%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 159, 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, 159, 170 by changing the saturation by 10% instead.

 172, 159, 170


255, 255, 255

 227, 214, 225


 255, 242, 254

 172, 159, 170

 145, 133, 144

 120, 108, 118


 95, 83, 93


 71, 60, 70


 49, 39, 47


 28, 18, 27

 0, 0, 0

 172, 159, 170

 172, 142, 167

 172, 159, 170

 172, 175, 176

■ 172, 125, 165

■ 172, 190, 193

■ 172, 107, 162

■ 172, 206, 211

■ 172, 90, 159

■ 172, 220, 228

■ 172, 73, 157

■ 172, 235, 245

■ 172, 56, 154

■ 172, 243, 255

■ 172, 39, 151

■ 172, 241, 255

■ 172, 21, 149

■ 172, 240, 255

■ 172, 4, 146

■ 172, 238, 255

Harmonies

Analogous

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



164, 161, 175



172, 159, 170



177, 158, 163

Triad

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



172, 159, 170



160, 169, 149



145, 156, 169

Complementary

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



172, 159, 170



159, 170, 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.



147, 158, 167



172, 159, 170



150, 164, 153

Square

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



172, 159, 170



175, 165, 151



153, 164, 166



148, 158, 175

Rectangle

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



172, 159, 170



178, 158, 158



153, 164, 166



145, 156, 167

Sweetspot

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



172, 159, 170



224, 220, 224



161, 159, 172



112, 110, 112



240, 240, 240



112, 112, 112

Same Dimension

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



172, 159, 170



224, 204, 221



172, 159, 164



87, 78, 85



150, 0, 127



23, 0, 19

Inverse Universe

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



172, 159, 170



224, 204, 221



159, 167, 172



87, 78, 85



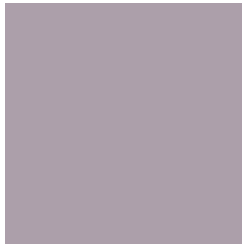
150, 0, 127



23, 0, 19

Previews

White Background



This preview shows how the RYB color 172, 159, 170 looks on a white background.

Color Contrast Check

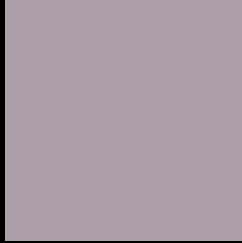
Large Text (above 18pt) WCAG AA × Fail

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, 159, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

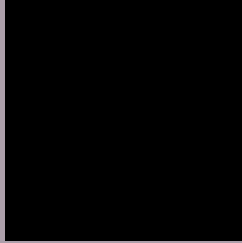
Any Text WCAG AA ✓ Pass

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, 159, 170 Background



This preview shows how black text looks on a background with the RYB color 172, 159, 170.



This preview shows how white text looks on a background with the RYB color 172, 159, 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, 159, 170

Protanopia
163, 162, 172

Deuteranopia
175, 158, 170



Tritanopia
172, 159, 171

Trichromacy



Original Color

172, 159, 170

Protanomaly

166, 161, 171

Deuteranomaly

174, 158, 170

Tritanomaly

172, 159, 171

Monochromacy



Original Color

172, 159, 170

Achromatopsia

164, 164, 164

Achromatomaly

167, 162, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 159, 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, 159, 170) looks like.

```
.text, #text, p{  
    color:rgb(172, 159, 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, 159, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 159, 170) }
```

Border

The CSS property to change the border of an element to RYB 172, 159, 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, 159, 170) }
```

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

```
.border{ border-color:rgb(172, 159, 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, 159, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 159, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 159, 170);  
box-shadow:4px 4px 4px 4px rgb(172, 159,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 172, 159, 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, 159, 170) }
```

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

```
.background{ background-color: rgb(172,  
159, 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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