

Converting Colors

`RYB(170, 149, 171)`

Have a look what the booklet for
RYB(170, 149, 171) contains.

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Color

$\text{RYB}(170, 149, 171)$

Conversions

Conversions Part 1

Format	Color
Hex	AA95AB
RGB	170, 149, 171
RGB Percent	67%, 58%, 67%
CMY	0.3333, 0.4157, 0.3294
CMYK	0.01, 0.13, 0.00, 0.33
HSL	297°, 12%, 63%
HSV	297°, 13%, 67%
XYZ	34.6757, 32.9812, 43.0665
YIQ	157.7870, 5.4540, 11.2940

Conversions

Conversions Part 2

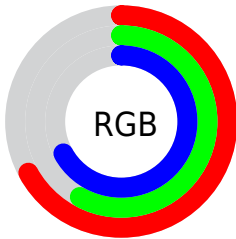
Format	Color
RYB	170, 149, 171
Decimal	11179435
CIELab	64.15, 11.82, -8.63
CIElCh	64, 14.631, 323.864
Yxy	32.9812, 0.3132, 0.2979
Android (android.graphics.Color)	4289369515 (0xFFAA95AB)
YUV	157.7870, 6.5140, 10.7108
Hunter-Lab	57.4293, 7.2768, -4.2614

Details

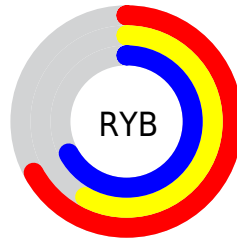
The RYB color **170, 149, 171** is a light color, and the websafe version is hex **999999**. A complement of this color would be **149, 171, 170**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **225, 203, 226**, and **118, 98, 119** is the 20% darker color. If you saturate the color by 10%, you get **169, 132, 171**, and if you desaturate by 10%, it is **171, 166, 171**.

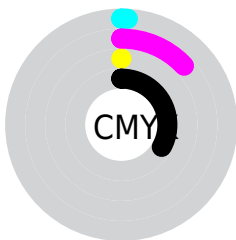
Distribution



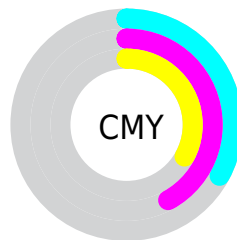
- Red (67%)
- Green (58%)
- Blue (67%)



- Red (67%)
- Yellow (58%)
- Blue (67%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (33%)



- Cyan (33%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 170, 149, 171 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 170, 149, 171 by changing the saturation by 10% instead.

 170, 149, 171

255, 255, 255

 225, 203, 226

 254, 231, 255

 170, 149, 171

 143, 123, 144

 118, 98, 119

 93, 74, 94

 69, 52, 70


 47, 30, 48


 27, 7, 27

 0, 0, 0


 170, 149, 171


 169, 132, 171


 170, 149, 171

 171, 166, 171

 168, 115, 171

 171, 183, 182

 168, 98, 171

 171, 200, 199


 167, 81, 171


 171, 217, 215


 166, 64, 171


 171, 234, 231

 165, 46, 171

 171, 252, 248

 165, 29, 171

 171, 255, 251

 164, 12, 171

 171, 255, 250

 163, 0, 171

 171, 255, 249

Harmonies

Analogous

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



155, 153, 179



170, 149, 171



180, 147, 159

Triad

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



170, 149, 171



154, 169, 130



121, 142, 165

Complementary

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



170, 149, 171



149, 171, 170

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.



127, 148, 163



170, 149, 171



132, 158, 135

Square

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



170, 149, 171



179, 158, 135



140, 161, 161



125, 146, 176

Rectangle

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



170, 149, 171



183, 147, 150



140, 161, 161



122, 143, 163

Sweetspot

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



170, 149, 171



221, 213, 222



149, 150, 171



112, 107, 112



240, 240, 240



112, 112, 112

Same Dimension

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



170, 149, 171



220, 189, 222



171, 149, 161



86, 78, 87



144, 0, 150



22, 0, 23

Inverse Universe

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



171, 149, 150



222, 189, 190



149, 164, 171



87, 78, 78



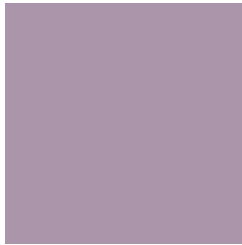
150, 0, 7



23, 0, 1

Previews

White Background



This preview shows how the RYB color 170, 149, 171 looks on a white background.

Color Contrast Check

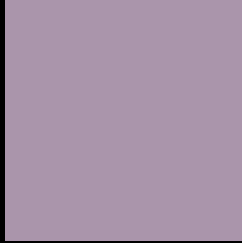
Large Text (above 18pt) WCAG AA × Fail

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 170, 149, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

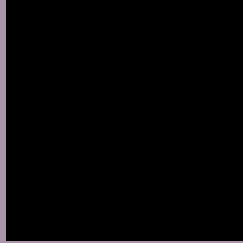
Any Text WCAG AA ✓ Pass

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 170, 149, 171 Background



This preview shows how black text looks on a background with the RYB color 170, 149, 171.



This preview shows how white text looks on a background with the RYB color 170, 149, 171.

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
170, 149, 171

Protanopia
153, 154, 174

Deuteranopia
164, 151, 171



Tritanopia
169, 150, 162

Trichromacy



Original Color
170, 149, 171

Protanomaly
159, 152, 173

Deuteranomaly
166, 150, 171

Tritanomaly
169, 150, 165

Monochromacy



Original Color
170, 149, 171

Achromatopsia
158, 158, 158

Achromatomaly
162, 155, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 170, 149, 171 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(170, 149, 171) looks like.

```
.text, #text, p{  
    color:rgb(170, 149, 171)  
}
```

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(170, 149, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 149, 171) }
```

Border

The CSS property to change the border of an element to RYB 170, 149, 171 is called "border". The border property can be set on classes, ids or directly on the HTML element.

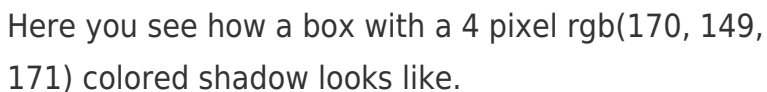
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 149, 171) }
```

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

```
.border{ border-color:rgb(170, 149, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 149, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 149, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 149, 171); box-shadow:4px 4px 4px 4px rgb(170, 149, 171) }
```

Background

The CSS property to change the background color of an element to RYB 170, 149, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 149, 171) }
```

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

```
.background{ background-color: rgb(170,  
149, 171) }
```

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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