

Converting Colors

`RYB(170, 148, 171)`

Have a look what the booklet for RYB(170, 148, 171) contains.

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Color

R_YB(170, 148, 171)

Conversions

Conversions Part 1

Format	Color
Hex	AA94AB
RGB	170, 148, 171
RGB Percent	67%, 58%, 67%
CMY	0.3333, 0.4196, 0.3294
CMYK	0.01, 0.13, 0.00, 0.33
HSL	297°, 12%, 63%
HSV	297°, 13%, 67%
XYZ	34.5182, 32.6661, 43.0140
YIQ	157.2000, 5.7290, 11.8170

Conversions

Conversions Part 2

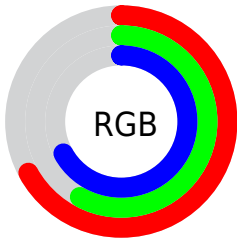
Format	Color
R_{YB}	170, 148, 171
Decimal	11179179
CIE _{Lab}	63.89, 12.38, -9.01
CIE _{LCh}	64, 15.310, 323.950
Yxy	32.6661, 0.3132, 0.2964
Android (android.graphics.Color)	4289369259 (0xFFAA94AB)
YUV	157.2000, 6.8034, 11.2256
Hunter-Lab	57.1543, 7.7845, -4.6133

Details

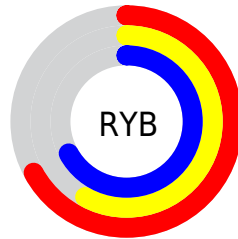
The RYB color **170, 148, 171** is a light color, and the websafe version is hex **999999**. A complement of this color would be **148, 171, 170**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **225, 202, 226**, and **118, 97, 119** is the 20% darker color. If you saturate the color by 10%, you get **169, 131, 171**, and if you desaturate by 10%, it is **171, 165, 171**.

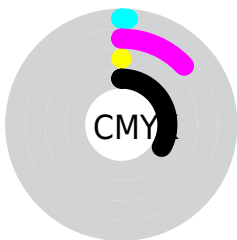
Distribution



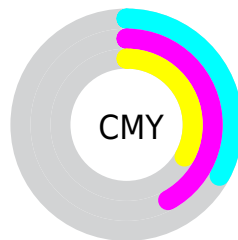
- Red (67%)
- Green (58%)
- Blue (67%)



- 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, 148, 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, 148, 171 by changing the saturation by 10% instead.

■ 170, 148, 171

255, 255, 255

■ 225, 202, 226

■ 254, 230, 255

■ 170, 148, 171

■ 143, 122, 144

■ 118, 97, 119

■ 93, 73, 94

■ 69, 51, 70

■ 47, 29, 48

■ 27, 5, 27

■ 0, 0, 0


■ 170, 148, 171


■ 169, 131, 171


■ 170, 148, 171

■ 171, 165, 171


 169, 114, 171

 171, 182, 182

 168, 97, 171

 171, 199, 198


 167, 80, 171

 171, 216, 214


 166, 63, 171

 171, 233, 230

 166, 45, 171

 171, 251, 248

 165, 28, 171

 171, 255, 251

 164, 11, 171

 171, 255, 250

 164, 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.



154, 152, 180



170, 148, 171



181, 146, 158

Triad

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



170, 148, 171



152, 168, 128



119, 141, 165

Complementary

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



170, 148, 171



148, 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.



125, 148, 163



170, 148, 171



130, 157, 133

Square

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



170, 148, 171



179, 158, 133



138, 161, 161



123, 145, 176

Rectangle

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



170, 148, 171



184, 145, 149



138, 161, 161



120, 142, 163

Sweetspot

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



170, 148, 171



221, 213, 222



148, 149, 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, 148, 171



220, 186, 222



171, 148, 161



86, 78, 87



144, 0, 150



22, 0, 23

Inverse Universe

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



171, 148, 149



222, 186, 188



148, 164, 171



87, 78, 78



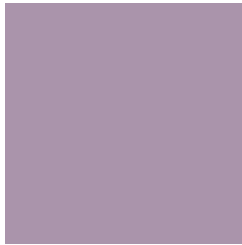
150, 0, 7



23, 0, 1

Previews

White Background



This preview shows how the RYB color 170, 148, 171 looks on a white background.

Color Contrast Check

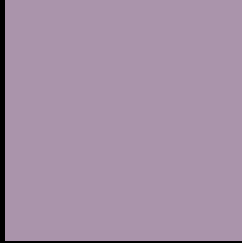
Large Text (above 18pt) WCAG AA × Fail

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, 148, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

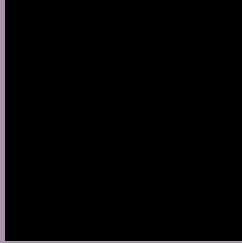
Any Text WCAG AA ✓ Pass

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](#).

RYB 170, 148, 171 Background



This preview shows how black text looks on a background with the RYB color 170, 148, 171.



This preview shows how white text looks on a background with the RYB color 170, 148, 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, 148, 171

Protanopia
152, 154, 175

Deuteranopia
163, 151, 170



Tritanopia
169, 150, 161

Trichromacy



Original Color

170, 148, 171

Protanomaly

159, 152, 174

Deuteranomaly

166, 150, 170

Tritanomaly

169, 149, 165

Monochromacy



Original Color

170, 148, 171

Achromatopsia

157, 157, 157

Achromatomaly

162, 154, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 170, 148, 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, 148, 171) looks like.

```
.text, #text, p{  
    color:rgb(170, 148, 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, 148, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 148, 171) }
```

Border

The CSS property to change the border of an element to RYB 170, 148, 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, 148, 171) }
```

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

```
.border{ border-color:rgb(170, 148, 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, 148, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 148, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 148, 171);  
box-shadow:4px 4px 4px 4px rgb(170, 148,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 170, 148, 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, 148, 171) }
```

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

```
.background{ background-color: rgb(170,  
148, 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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