

Converting Colors

`RYB(171, 149, 166)`

Have a look what the booklet for
RYB(171, 149, 166) contains.

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Color

R_YB(171, 149, 166)

Conversions

Conversions Part 1

Format	Color
Hex	AB95A6
RGB	171, 149, 166
RGB Percent	67%, 58%, 65%
CMY	0.3294, 0.4157, 0.3490
CMYK	0.00, 0.13, 0.03, 0.33
HSL	314°, 12%, 63%
HSV	314°, 13%, 67%
XYZ	34.4250, 32.9060, 40.6135
YIQ	157.5160, 7.6550, 9.9510

Conversions

Conversions Part 2

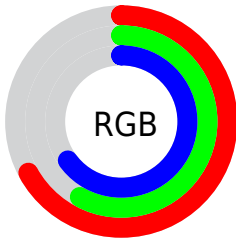
Format	Color
RYB	171, 149, 166
Decimal	11244966
CIELab	64.08, 11.22, -5.89
CIELCh	64, 12.669, 332.290
Yxy	32.9060, 0.3189, 0.3048
Android (android.graphics.Color)	4289435046 (0xFFAB95A6)
YUV	157.5160, 4.1826, 11.8255
Hunter-Lab	57.3637, 6.7344, -1.8227

Details

The RYB color **171, 149, 166** is a light color, and the websafe version is hex **999999**. A complement of this color would be **149, 167, 171**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **226, 203, 221**, and **119, 98, 114** is the 20% darker color. If you saturate the color by 10%, you get **171, 132, 162**, and if you desaturate by 10%, it is **171, 166, 170**.

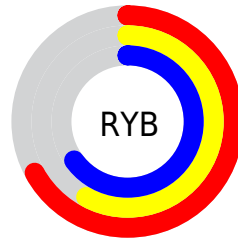
Distribution



Red (67%)

Green (58%)

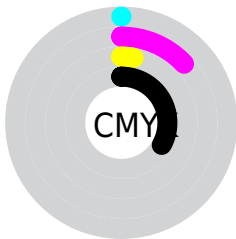
Blue (65%)



Red (67%)

Yellow (58%)

Blue (65%)

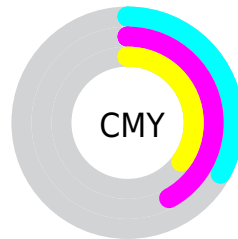


Cyan (0%)

Magenta (13%)

Yellow (3%)

Black (33%)



Cyan (33%)

Magenta (42%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 149, 166 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 171, 149, 166 by changing the saturation by 10% instead.


 171, 149, 166

255, 255, 255

 226, 203, 221

 255, 231, 250

 171, 149, 166

 144, 123, 140

 119, 98, 114


 94, 74, 90

 70, 52, 66


 48, 30, 44

 28, 7, 24

 0, 0, 0

 171, 149, 166

 171, 132, 162

 171, 149, 166

 171, 166, 170

■ 171, 115, 158

■ 171, 181, 183

■ 171, 98, 154

■ 171, 194, 200

■ 171, 81, 150

■ 171, 208, 217

■ 171, 64, 147

■ 171, 223, 234

■ 171, 46, 143

■ 171, 237, 252

■ 171, 29, 139

■ 171, 238, 255

■ 171, 12, 135

■ 171, 235, 255

■ 171, 0, 132

■ 171, 233, 255

Harmonies

Analogous

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



159, 152, 174



171, 149, 166



178, 148, 155

Triad

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



171, 149, 166



146, 164, 133



126, 145, 167

Complementary

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



171, 149, 166



149, 167, 171

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.



129, 147, 162



171, 149, 166



136, 158, 143

Square

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



171, 149, 166



174, 161, 136



138, 156, 161



132, 149, 175

Rectangle

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



171, 149, 166



180, 148, 147



138, 156, 161



126, 144, 163

Sweetspot

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



171, 149, 166



222, 213, 220



154, 149, 171



112, 107, 111



240, 240, 240



112, 112, 112

Same Dimension

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



171, 149, 166



222, 189, 214



171, 149, 155



87, 78, 85



150, 0, 116



23, 0, 18

Inverse Universe

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



171, 149, 166



222, 189, 214



149, 162, 171



87, 78, 85



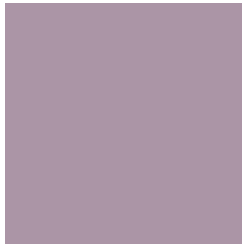
150, 0, 116



23, 0, 18

Previews

White Background



This preview shows how the RYB color 171, 149, 166 looks on a white background.

Color Contrast Check

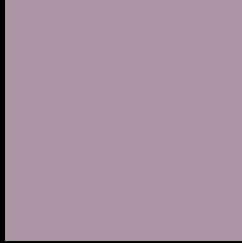
Large Text (above 18pt) WCAG AA × Fail

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 171, 149, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

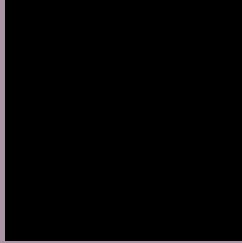
Any Text WCAG AA ✓ Pass

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 171, 149, 166 Background



This preview shows how black text looks on a background with the RYB color 171, 149, 166.



This preview shows how white text looks on a background with the RYB color 171, 149, 166.

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





Tritanopia
170, 150, 161

Trichromacy



Original Color

171, 149, 166

Protanomaly

160, 152, 168

Deuteranomaly

168, 150, 166

Tritanomaly

170, 150, 163

Monochromacy



Original Color

171, 149, 166

Achromatopsia

158, 158, 158

Achromatomaly

163, 155, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 149, 166 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(171, 149, 166) looks like.

```
.text, #text, p{  
    color:rgb(171, 149, 166)  
}
```

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(171, 149, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 149, 166) }
```

Border

The CSS property to change the border of an element to RYB 171, 149, 166 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(171, 149, 166) }
```

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

```
.border{ border-color:rgb(171, 149, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 149, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 149, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 149, 166);  
box-shadow:4px 4px 4px 4px rgb(171, 149,  
166) }
```

Background

The CSS property to change the background color of an element to RYB 171, 149, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 149, 166) }
```

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

```
.background{ background-color: rgb(171,  
149, 166) }
```

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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