

Converting Colors

`RYB(184, 149, 174)`

Have a look what the booklet for RYB(184, 149, 174) contains.

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Color

R_YB(184, 149, 174)

Conversions

Conversions Part 1

Format	Color
Hex	B895AE
RGB	184, 149, 174
RGB Percent	72%, 58%, 68%
CMY	0.2784, 0.4157, 0.3176
CMYK	0.00, 0.19, 0.05, 0.28
HSL	317°, 20%, 65%
HSV	317°, 19%, 72%
XYZ	38.1546, 34.7412, 44.7392
YIQ	162.3150, 12.8350, 15.1950

Conversions

Conversions Part 2

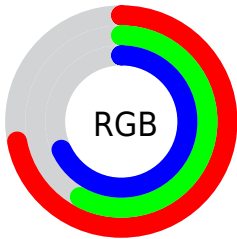
Format	Color
RYB	184, 149, 174
Decimal	12096942
CIELab	65.55, 17.35, -8.09
CIElCh	66, 19.140, 335.000
Yxy	34.7412, 0.3243, 0.2953
Android (android.graphics.Color)	4290287022 (0xFFB895AE)
YUV	162.3150, 5.7607, 19.0177
Hunter-Lab	58.9417, 12.4000, -3.7444

Details

The RYB color **184, 149, 174** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **149, 176, 184**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **240, 203, 229**, and **131, 98, 122** is the 20% darker color. If you saturate the color by 10%, you get **184, 131, 169**, and if you desaturate by 10%, it is **184, 167, 179**.

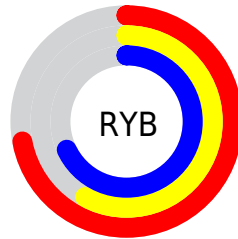
Distribution



Red (72%)

Green (58%)

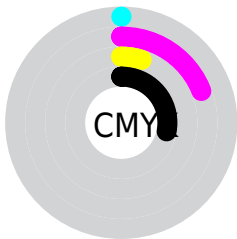
Blue (68%)



Red (72%)

Yellow (58%)

Blue (68%)

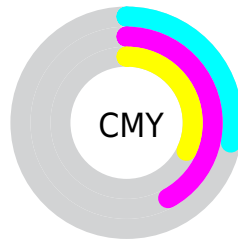


Cyan (0%)

Magenta (19%)

Yellow (5%)

Black (28%)



Cyan (28%)


Magenta (42%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the RYB color 184, 149, 174 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 184, 149, 174 by changing the saturation by 10% instead.


 184, 149, 174

 184, 149, 174


255, 255, 255


 157, 123, 147

 240, 203, 229

 131, 98, 122

 255, 231, 255

 105, 74, 97


 81, 51, 73


 57, 29, 51

 36, 7, 30

 0, 0, 1

 0, 0, 0

 184, 149, 174

 184, 149, 174

184, 131, 169

184, 167, 179

184, 112, 163

184, 185, 186

184, 94, 158

184, 199, 204

184, 75, 153

184, 214, 223

184, 57, 148

184, 229, 241

184, 39, 142

184, 238, 255

184, 20, 137

184, 235, 255

184, 2, 132

184, 233, 255

184, 0, 131

184, 231, 255

Harmonies

Analogous

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



166, 154, 187



184, 149, 174



194, 147, 157

Triad

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



184, 149, 174



138, 169, 125



112, 142, 178

Complementary

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



184, 149, 174



149, 176, 184

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.



116, 144, 169



184, 149, 174



131, 164, 145

Square

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



184, 149, 174



185, 171, 129



131, 158, 168



123, 149, 190

Rectangle

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



184, 149, 174



195, 148, 145



131, 158, 168



112, 141, 173

Sweetspot

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



184, 149, 174



240, 225, 236



159, 149, 184



120, 111, 117



247, 247, 247



120, 120, 120

Same Dimension

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



184, 149, 174



240, 185, 224



184, 149, 157



92, 83, 89



156, 0, 111



28, 0, 20

Inverse Universe

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



184, 149, 174



240, 185, 224



149, 169, 184



92, 83, 89



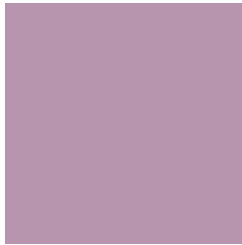
156, 0, 111



28, 0, 20

Previews

White Background



This preview shows how the RYB color 184, 149, 174 looks on a white background.

Color Contrast Check

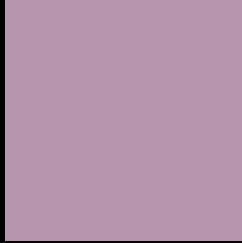
Large Text (above 18pt) WCAG AA × Fail

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 184, 149, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

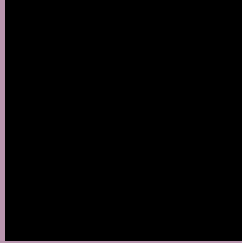
Any Text WCAG AA ✓ Pass

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 184, 149, 174 Background



This preview shows how black text looks on a background with the RYB color 184, 149, 174.

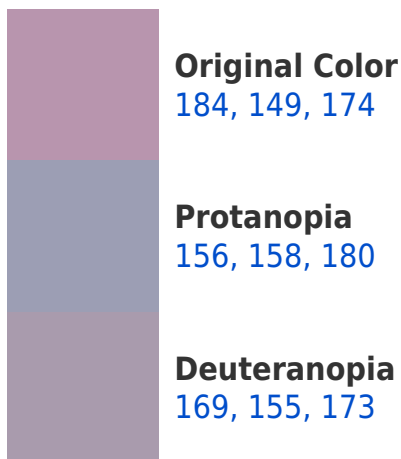


This preview shows how white text looks on a background with the RYB color 184, 149, 174.

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
182, 151, 163

Trichromacy



Original Color
184, 149, 174

Protanomaly
166, 155, 178

Deuteranomaly
174, 153, 173

Tritanomaly
183, 150, 167

Monochromacy



Original Color
184, 149, 174

Achromatopsia
162, 162, 162

Achromatomaly
170, 157, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 149, 174 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(184, 149, 174) looks like.

```
.text, #text, p{  
    color:rgb(184, 149, 174)  
}
```

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(184, 149, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 149, 174) }
```

Border

The CSS property to change the border of an element to RYB 184, 149, 174 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(184, 149, 174) }
```

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

```
.border{ border-color:rgb(184, 149, 174) }
```

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

Here you see how a box with a 4 pixel rgb(184, 149, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 149, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 149, 174);  
box-shadow:4px 4px 4px 4px rgb(184, 149,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 184, 149, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 149, 174) }
```

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

```
.background{ background-color: rgb(184,  
149, 174) }
```

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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