

Converting Colors

`RYB(176, 147, 178)`

Have a look what the booklet for
RYB(176, 147, 178) contains.

RYB(176, 147, 178)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(176, 147, 178)

Conversions

Conversions Part 1

Format	Color
Hex	B093B2
RGB	176, 147, 178
RGB Percent	69%, 58%, 70%
CMY	0.3098, 0.4235, 0.3020
CMYK	0.01, 0.17, 0.00, 0.30
HSL	296°, 17%, 64%
HSV	296°, 17%, 70%
XYZ	36.3741, 33.3119, 46.6322
YIQ	159.2050, 7.3330, 15.7890

Conversions

Conversions Part 2

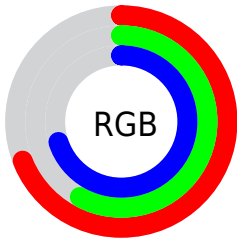
Format	Color
R_{YB}	176, 147, 178
Decimal	11572146
CIE _{Lab}	64.41, 16.41, -12.11
CIE _{LCh}	64, 20.393, 323.561
Yxy	33.3119, 0.3127, 0.2864
Android (android.graphics.Color)	4289762226 (0xFFB093B2)
YUV	159.2050, 9.2659, 14.7292
Hunter-Lab	57.7165, 11.4906, -7.5020

Details

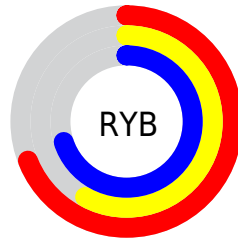
The RYB color **176, 147, 178** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **147, 178, 176**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **232, 201, 234**, and **123, 96, 125** is the 20% darker color. If you saturate the color by 10%, you get **175, 129, 178**, and if you desaturate by 10%, it is **177, 165, 178**.

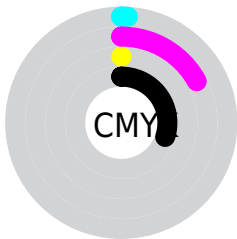
Distribution



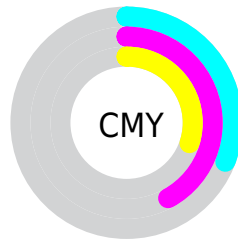
- Red (69%)
- Green (58%)
- Blue (70%)



- Red (69%)
- Yellow (58%)
- Blue (70%)



- Cyan (1%)
- Magenta (17%)
- Yellow (0%)
- Black (30%)



- Cyan (31%)
- Magenta (42%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 147, 178 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 176, 147, 178 by changing the saturation by 10% instead.

 176, 147, 178

255, 255, 255

 232, 201, 234

 255, 229, 255


 176, 147, 178

 149, 121, 151

 123, 96, 125

 98, 72, 100

 74, 50, 76

 51, 28, 54

 30, 5, 32

 0, 0, 6

 0, 0, 0

 176, 147, 178

 176, 147, 178

175, 129, 178

177, 165, 178

174, 111, 178

178, 183, 183

173, 94, 178

178, 200, 199

171, 76, 178

178, 218, 215

170, 58, 178

178, 236, 232

169, 40, 178

178, 254, 249

168, 22, 178

178, 255, 249

167, 5, 178

178, 255, 248

167, 0, 178

178, 255, 247

Harmonies

Analogous

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



154, 153, 189



176, 147, 178



190, 144, 161

Triad

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



176, 147, 178



152, 174, 120



105, 136, 170

Complementary

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



176, 147, 178



147, 178, 176

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.



115, 145, 166



176, 147, 178



123, 159, 127

Square

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



176, 147, 178



188, 158, 128



134, 164, 164



110, 141, 185

Rectangle

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



176, 147, 178



194, 143, 148



134, 164, 164



107, 138, 167

Sweetspot

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



176, 147, 178



231, 220, 232



147, 149, 178



117, 110, 117



245, 245, 245



117, 117, 117

Same Dimension

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



176, 147, 178



229, 183, 232



178, 147, 165



89, 80, 89



143, 0, 153



24, 0, 26

Inverse Universe

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



178, 147, 149



232, 183, 186



147, 169, 178



89, 80, 81



153, 0, 10



26, 0, 2

Previews

White Background



This preview shows how the RYB color 176, 147, 178 looks on a white background.

Color Contrast Check

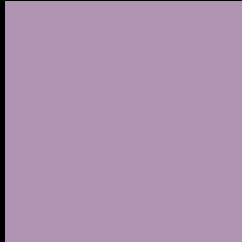
Large Text (above 18pt) WCAG AA × Fail

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 176, 147, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

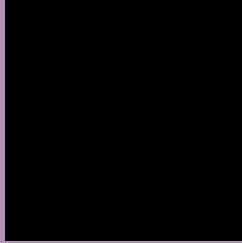
Any Text WCAG AA ✓ Pass

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 176, 147, 178 Background



This preview shows how black text looks on a background with the RYB color 176, 147, 178.



This preview shows how white text looks on a background with the RYB color 176, 147, 178.

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


176, 147, 178

Protanopia

151, 155, 183

Deuteranopia

162, 152, 177



Tritanopia

174, 150, 162

Trichromacy



Original Color
176, 147, 178

Protanomaly
160, 152, 181

Deuteranomaly
167, 150, 177

Tritanomaly
175, 149, 168

Monochromacy



Original Color
176, 147, 178

Achromatopsia
159, 159, 159

Achromatomaly
165, 155, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 147, 178 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(176, 147, 178) looks like.

```
.text, #text, p{  
    color:rgb(176, 147, 178)  
}
```

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(176, 147, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 147, 178) }
```

Border

The CSS property to change the border of an element to RYB 176, 147, 178 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(176, 147, 178) }
```

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

```
.border{ border-color:rgb(176, 147, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 147, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 147, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 147, 178);  
box-shadow:4px 4px 4px 4px rgb(176, 147,  
178) }
```

Background

The CSS property to change the background color of an element to RYB 176, 147, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 147, 178) }
```

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

```
.background{ background-color: rgb(176,  
147, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor