Converting Colors

RYB(180, 144, 179)

Have a look what the booklet for RYB(180, 144, 179) contains.

Color

RYB(180, 144, 179)

Conversions

Conversions Part 1

Format	Color
Hex	B490B3
RGB	180, 144, 179
RGB Percent	71%, 56%, 70%
CMY	0.2941, 0.4353, 0.2980
CMYK	0.00, 0.20, 0.01, 0.29
HSL	302°, 19%, 64%
HSV	302°, 20%, 71%
XYZ	36.9323, 32.9045, 47.0525
YIQ	158.7540, 10.2210, 18.5170

Conversions

Conversions Part 2

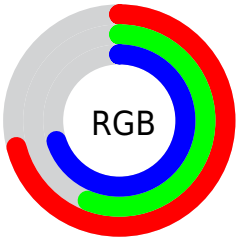
Format	Color
RYB	180, 144, 179
Decimal	11833523
CIELab	64.08, 19.67, -13.13
CIELCh	64, 23.653, 326.276
Yxy	32.9045, 0.3160, 0.2815
Android (android.graphics.Color)	4290023603 (0xFFB490B3)
YUV	158.7540, 9.9813, 18.6327
Hunter-Lab	57.3624, 14.5415, -8.4799

Details

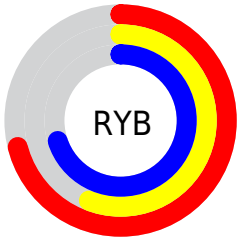
The RYB color 180, 144, 179 is a light color, and the websafe version is hex CC99CC. A complement of this color would be 144, 179, 180, and the grayscale version is 159, 159, 159.

A 20% lighter version of the original color is 236, 198, 235, and 127, 93, 126 is the 20% darker color. If you saturate the color by 10%, you get 180, 126, 179, and if you desaturate by 10%, it is 180, 162, 179.

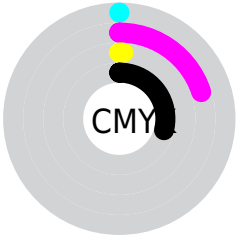
Distribution



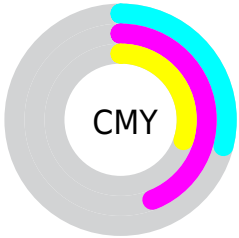
- Red (71%)
- Green (56%)
- Blue (70%)



- Red (71%)
- Yellow (56%)
- Blue (70%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (29%)



- Cyan (29%)
- Magenta (44%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 180, 144, 179 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 180, 144, 179 by changing the saturation by 10% instead.

180, 144, 179

255, 255, 255

236, 198, 235

255, 226, 255

180, 144, 179

153, 118, 152

127, 93, 126

102, 69, 101

77, 47, 77

54, 25, 54

33, 1, 33

0, 0, 7

0, 0, 0

180, 144, 179

180, 144, 179

180, 126, 179

180, 108, 178

180, 90, 177

180, 72, 177

180, 54, 176

180, 36, 176

180, 18, 175

180, 0, 175

180, 162, 179

180, 180, 180

180, 197, 198

180, 215, 216

180, 232, 234

180, 250, 252

180, 252, 255

180, 251, 255

Harmonies

Analogous

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

155, 151, 193

180, 144, 179

195, 140, 159

Triad

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

180, 144, 179

143, 173, 113

93, 131, 173

Complementary

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

180, 144, 179

144, 179, 180

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.

105, 140, 167

180, 144, 179

117, 160, 126

Square

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

180, 144, 179

190, 160, 121

127, 161, 165

101, 138, 190

Rectangle

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

180, 144, 179

198, 140, 144

127, 161, 165

95, 131, 167

Sweetspot

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

180, 144, 179

235, 221, 234

145, 144, 180

117, 109, 117

245, 245, 245

117, 117, 117

Same Dimension

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

180, 144, 179

235, 178, 233

180, 144, 161

89, 80, 89

153, 0, 149

26, 0, 25

Inverse Universe

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

180, 144, 179

235, 178, 233

144, 168, 180

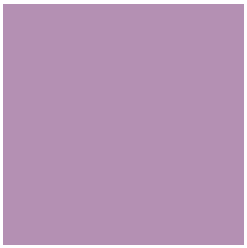
89, 80, 89

153, 0, 149

26, 0, 25

Previews

White Background

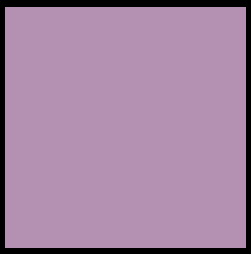


This preview shows how the RYB color 180, 144, 179 looks on a white background.

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



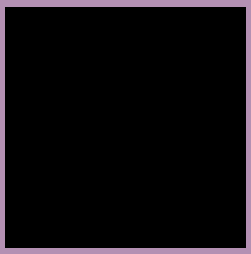
This preview shows how the RYB color 180, 144, 179 looks on a black background.

Color Contrast Check

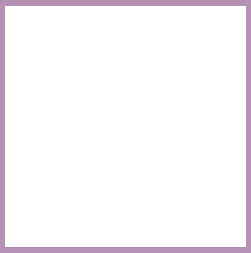
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 180, 144, 179 Background



This preview shows how black text looks on a background with the RYB color 180, 144, 179.

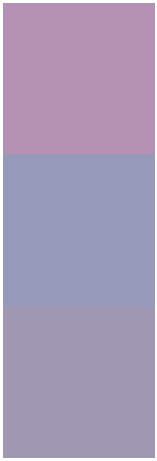


This preview shows how white text looks on a background with the RYB color 180, 144, 179.

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



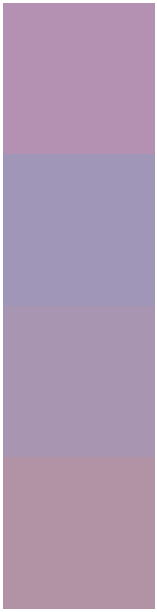
Original Color
180, 144, 179

Protanopia
149, 153, 186

Deuteranopia
160, 152, 178

Tritanopia
177, 148, 159

Trichromacy



Original Color
180, 144, 179

Protanomaly
160, 150, 183

Deuteranomaly
167, 149, 178

Tritanomaly
178, 147, 166

Monochromacy

Original Color
180, 144, 179

Achromatopsia
159, 159, 159

Achromatomaly
167, 154, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 144, 179 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(180, 144, 179) looks like.

```
.text, #text, p{
    color:rgb(180, 144, 179)
}
```

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(180, 144, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 144, 179) }
```

Border

The CSS property to change the border of an element to RYB 180, 144, 179 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(180, 144, 179) }
```

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

```
.border{ border-color:rgb(180, 144, 179) }
```

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

Here you see how a box with a 4 pixel rgb(180, 144, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 144, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 144, 179); box-shadow:4px 4px 4px 4px rgb(180, 144, 179) }
```

Background

The CSS property to change the background color of an element to RYB 180, 144, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(180, 144, 179) }
```

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

```
.background{ background-color:rgb(180,
144, 179) }
```

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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