

Converting Colors

`RYB(180, 154, 191)`

Have a look what the booklet for RYB(180, 154, 191) contains.

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Color

R_YB(180, 154, 191)

Conversions

Conversions Part 1

Format	Color
Hex	B49ABF
RGB	180, 154, 191
RGB Percent	71%, 60%, 75%
CMY	0.2941, 0.3961, 0.2510
CMYK	0.06, 0.19, 0.00, 0.25
HSL	282°, 22%, 68%
HSV	282°, 19%, 75%
XYZ	39.7820, 36.5761, 54.2534
YIQ	165.9920, 3.6190, 17.0190

Conversions

Conversions Part 2

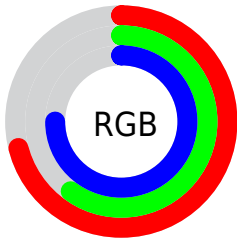
Format	Color
RYB	180, 154, 191
Decimal	11836095
CIELab	66.96, 16.44, -15.53
CIElCh	67, 22.610, 316.630
Yxy	36.5761, 0.3046, 0.2800
Android (android.graphics.Color)	4290026175 (0xFFB49ABF)
YUV	165.9920, 12.3289, 12.2850
Hunter-Lab	60.4782, 11.5788, -10.8528

Details

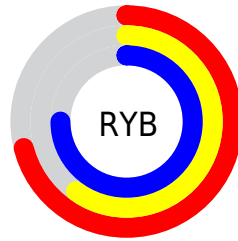
The RYB color **180, 154, 191** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **154, 191, 180**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **236, 208, 247**, and **127, 103, 138** is the 20% darker color. If you saturate the color by 10%, you get **174, 135, 191**, and if you desaturate by 10%, it is **186, 173, 191**.

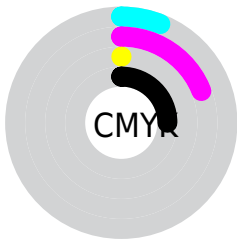
Distribution



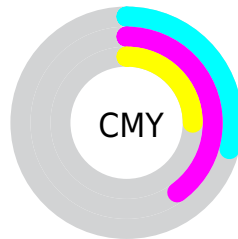
- Red (71%)
- Green (60%)
- Blue (75%)



- Red (71%)
- Yellow (60%)
- Blue (75%)



- Cyan (6%)
- Magenta (19%)
- Yellow (0%)
- Black (25%)



- Cyan (29%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 180, 154, 191 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, 154, 191 by changing the saturation by 10% instead.

 180, 154, 191

255, 255, 255

 236, 208, 247

 255, 237, 255

 180, 154, 191

 153, 128, 164

 127, 103, 138

 102, 79, 112

 77, 56, 88


 54, 34, 64

 32, 13, 42


 0, 0, 21

 0, 0, 0


 180, 154, 191


 180, 154, 191


 174, 135, 191

 186, 173, 191


 169, 116, 191

 191, 192, 192


 163, 97, 191


 191, 211, 205


 157, 78, 191


 191, 230, 218


 152, 58, 191

 191, 249, 232


 146, 39, 191

 191, 255, 232


 140, 20, 191

 191, 255, 226

 135, 1, 191

 191, 255, 221

 134, 0, 191

 191, 255, 215

Harmonies

Analogous

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



154, 160, 202



180, 154, 191



198, 149, 173

Triad

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



180, 154, 191



178, 187, 124



106, 140, 174

Complementary

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



180, 154, 191



154, 191, 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.



121, 154, 174



180, 154, 191



125, 166, 124

Square

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



180, 154, 191



200, 159, 134



135, 171, 163



108, 144, 192

Rectangle

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



180, 154, 191



204, 148, 159



135, 171, 163



110, 145, 175

Sweetspot

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



180, 154, 191



243, 233, 247



154, 162, 191



122, 116, 125



252, 252, 252



125, 125, 125

Same Dimension

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



180, 154, 191



230, 190, 247



191, 154, 184



92, 85, 94



111, 0, 158



22, 0, 31

Inverse Universe

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



191, 154, 165



247, 190, 207



154, 185, 191



94, 85, 88



158, 0, 47



31, 0, 9

Previews

White Background



This preview shows how the RYB color 180, 154, 191 looks on a white background.

Color Contrast Check

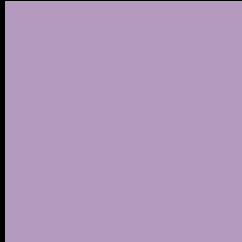
Large Text (above 18pt) WCAG AA × Fail

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, 154, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

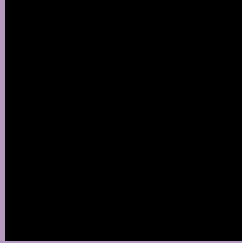
Any Text WCAG AA ✓ Pass

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, 154, 191 Background



This preview shows how black text looks on a background with the RYB color 180, 154, 191.



This preview shows how white text looks on a background with the RYB color 180, 154, 191.

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, 154, 191

Protanopia
156, 161, 196

Deuteranopia
166, 159, 190



Tritanopia
177, 158, 170

Trichromacy



Original Color
180, 154, 191

Protanomaly
165, 159, 194

Deuteranomaly
171, 157, 190

Tritanomaly
178, 157, 178

Monochromacy



Original Color
180, 154, 191

Achromatopsia
166, 166, 166

Achromatomaly
171, 162, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 154, 191 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, 154, 191)` looks like.

```
.text, #text, p{  
    color:rgb(180, 154, 191)  
}
```

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, 154, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 154, 191) }
```

Border

The CSS property to change the border of an element to RYB 180, 154, 191 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, 154, 191) }
```

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

```
.border{ border-color:rgb(180, 154, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 154, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 154, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 154, 191);  
box-shadow:4px 4px 4px 4px rgb(180, 154,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 180, 154, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 154, 191) }
```

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

```
.background{ background-color: rgb(180,  
154, 191) }
```

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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