

Converting Colors

`RYB(176, 154, 180)`

Have a look what the booklet for
RYB(176, 154, 180) contains.

RYB(176, 154, 180)	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, 154, 180)

Conversions

Conversions Part 1

Format	Color
Hex	B09AB4
RGB	176, 154, 180
RGB Percent	69%, 60%, 71%
CMY	0.3098, 0.3961, 0.2941
CMYK	0.02, 0.14, 0.00, 0.29
HSL	291°, 15%, 65%
HSV	291°, 14%, 71%
XYZ	37.6983, 35.6366, 48.0717
YIQ	163.5420, 4.7660, 12.7500

Conversions

Conversions Part 2

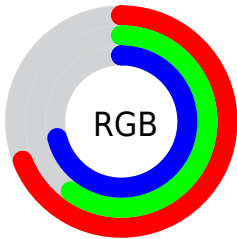
Format	Color
RYB	176, 154, 180
Decimal	11573940
CIELab	66.24, 12.88, -10.50
CIELCh	66, 16.612, 320.818
Yxy	35.6366, 0.3105, 0.2935
Android (android.graphics.Color)	4289764020 (0xFFB09AB4)
YUV	163.5420, 8.1138, 10.9257
Hunter-Lab	59.6964, 8.2542, -5.9569

Details

The RYB color **176, 154, 180** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **154, 180, 176**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **232, 208, 236**, and **123, 103, 127** is the 20% darker color. If you saturate the color by 10%, you get **173, 136, 180**, and if you desaturate by 10%, it is **179, 172, 180**.

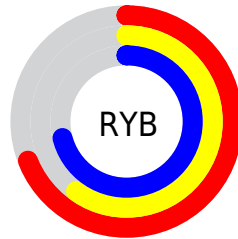
Distribution



Red (69%)

Green (60%)

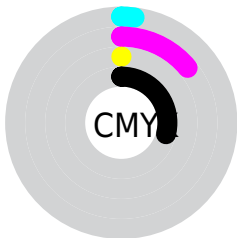
Blue (71%)



Red (69%)

Yellow (60%)

Blue (71%)

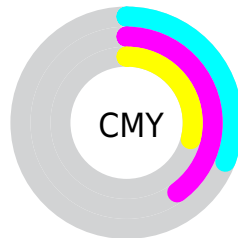


Cyan (2%)

Magenta (14%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (40%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 154, 180 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, 154, 180 by changing the saturation by 10% instead.


 176, 154, 180

 176, 154, 180

255, 255, 255


 149, 128, 153


 232, 208, 236


 123, 103, 127

 255, 237, 255

 98, 79, 102

 74, 56, 78

 51, 34, 55

 30, 13, 34

 0, 0, 10


 0, 0, 0


 176, 154, 180

 176, 154, 180

 173, 136, 180

 179, 172, 180

 170, 118, 180

 180, 190, 188

 168, 100, 180

 180, 208, 204

 165, 82, 180

 180, 226, 219

 162, 64, 180


 180, 244, 234

 159, 46, 180

 180, 255, 242

 157, 28, 180

 180, 255, 240

 154, 10, 180

 180, 255, 237

 152, 0, 180

 180, 255, 234

Harmonies

Analogous

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



158, 159, 189



176, 154, 180



188, 151, 166

Triad

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



176, 154, 180



165, 177, 132



122, 146, 171

Complementary

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



176, 154, 180



154, 180, 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.



130, 153, 169



176, 154, 180



133, 163, 134

Square

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



176, 154, 180



188, 162, 138



142, 167, 165



125, 150, 184

Rectangle

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



176, 154, 180



192, 151, 156



142, 167, 165



123, 148, 170

Sweetspot

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



176, 154, 180



233, 225, 235



154, 157, 180



116, 111, 117



245, 245, 245



117, 117, 117

Same Dimension

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



176, 154, 180



228, 195, 235



180, 154, 171



88, 80, 89



129, 0, 153



22, 0, 26

Inverse Universe

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



180, 154, 158



235, 195, 201



154, 173, 180



89, 80, 82



153, 0, 24



26, 0, 4

Previews

White Background



This preview shows how the RYB color 176, 154, 180 looks on a white background.

Color Contrast Check

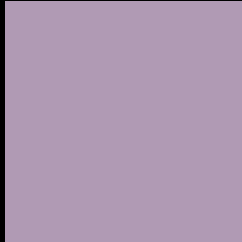
Large Text (above 18pt) WCAG AA × Fail

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, 154, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

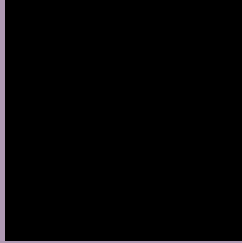
Any Text WCAG AA ✓ Pass

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, 154, 180 Background



This preview shows how black text looks on a background with the RYB color 176, 154, 180.



This preview shows how white text looks on a background with the RYB color 176, 154, 180.

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, 154, 180

Protanopia
157, 160, 184

Deuteranopia
168, 157, 179



Tritanopia

174, 156, 168

Trichromacy



Original Color
176, 154, 180

Protanomaly
164, 158, 183

Deuteranomaly
171, 156, 179

Tritanomaly
175, 155, 172

Monochromacy



Original Color
176, 154, 180

Achromatopsia
164, 164, 164

Achromatomaly
168, 160, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 176, 154, 180 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, 154, 180) looks like.

```
.text, #text, p{  
    color:rgb(176, 154, 180)  
}
```

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, 154, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 154, 180) }
```

Border

The CSS property to change the border of an element to RYB 176, 154, 180 is called "border". The border property can be set on classes, ids or directly on the HTML element.

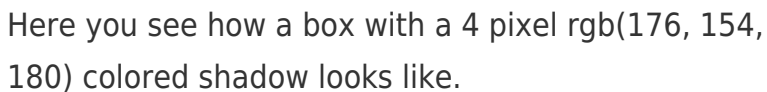
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 154, 180) }
```

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

```
.border{ border-color:rgb(176, 154, 180) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 154, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 154, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 154, 180);  
box-shadow:4px 4px 4px 4px rgb(176, 154,  
180) }
```

Background

The CSS property to change the background color of an element to RYB 176, 154, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 154, 180) }
```

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

```
.background{ background-color: rgb(176,  
154, 180) }
```

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