

Converting Colors

`RYB(154, 118, 176)`

Have a look what the booklet for RYB(154, 118, 176) contains.

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Color

R_YB(154, 118, 176)

Conversions

Conversions Part 1

Format	Color
Hex	9A76B0
RGB	154, 118, 176
RGB Percent	60%, 46%, 69%
CMY	0.3961, 0.5373, 0.3098
CMYK	0.13, 0.33, 0.00, 0.31
HSL	277°, 27%, 58%
HSV	277°, 33%, 69%
XYZ	27.6413, 22.9615, 44.0494
YIQ	135.3760, 2.8380, 25.6700

Conversions

Conversions Part 2

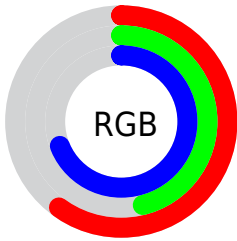
Format	Color
RYB	154, 118, 176
Decimal	10122928
CIELab	55.03, 25.09, -25.45
CIELCh	55, 35.738, 314.594
Yxy	22.9615, 0.2920, 0.2426
Android (android.graphics.Color)	4288313008 (0xFF9A76B0)
YUV	135.3760, 20.0276, 16.3332
Hunter-Lab	47.9181, 19.1101, -20.9605

Details

The RYB color **154, 118, 176** is a light color, and the websafe version is hex **996699**. A complement of this color would be **118, 176, 154**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **209, 171, 232**, and **102, 69, 123** is the 20% darker color. If you saturate the color by 10%, you get **147, 100, 176**, and if you desaturate by 10%, it is **161, 136, 176**.

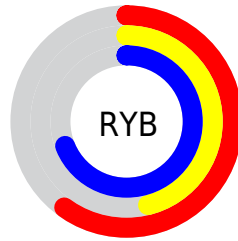
Distribution



Red (60%)

Green (46%)

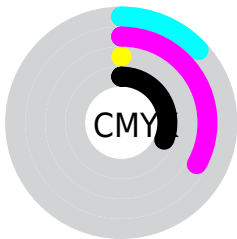
Blue (69%)



Red (60%)

Yellow (46%)

Blue (69%)

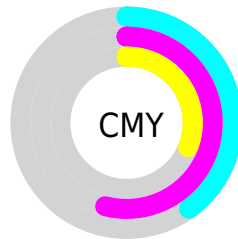


Cyan (13%)

Magenta (33%)

Yellow (0%)

Black (31%)



Cyan (40%)


Magenta (54%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 118, 176 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 154, 118, 176 by changing the saturation by 10% instead.


 154, 118, 176

255, 255, 255

 209, 171, 232

 238, 198, 255


 255, 226, 255


 154, 118, 176

 128, 93, 149

 102, 69, 123


 77, 46, 98

 53, 24, 74


 31, 1, 51


 0, 0, 30


 0, 0, 0

 154, 118, 176

 147, 100, 176

 154, 118, 176

 161, 136, 176

 141, 83, 176


 167, 153, 176

 134, 65, 176

 174, 171, 176

 127, 48, 176

 176, 188, 183

 121, 30, 176

 176, 206, 195

 114, 12, 176

 176, 224, 206

 109, 0, 176

 176, 241, 216

 176, 255, 224

 176, 255, 217

Harmonies

Analogous

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



110, 126, 191



154, 118, 176



182, 109, 149

Triad

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



154, 118, 176



145, 165, 72



0, 75, 148

Complementary

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



154, 118, 176



118, 176, 154

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.



59, 113, 147



154, 118, 176



71, 136, 70

Square

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



154, 118, 176



185, 122, 90



86, 142, 126



0, 79, 174

Rectangle

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



154, 118, 176



190, 107, 128



86, 142, 126



5, 80, 148

Sweetspot

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



154, 118, 176



221, 207, 230



118, 134, 176



110, 101, 115



242, 242, 242



115, 115, 115

Same Dimension

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



154, 118, 176



195, 138, 230



176, 118, 169



86, 80, 89



95, 0, 153



16, 0, 26

Inverse Universe

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



176, 118, 140



230, 138, 173



118, 170, 176



89, 80, 84



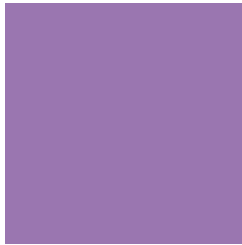
153, 0, 58



26, 0, 10

Previews

White Background



This preview shows how the RYB color 154, 118, 176 looks on a white background.

Color Contrast Check

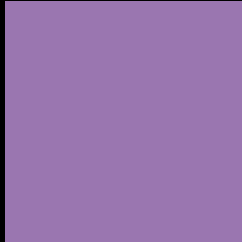
Large Text (above 18pt) WCAG AA ✓ Pass

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 154, 118, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

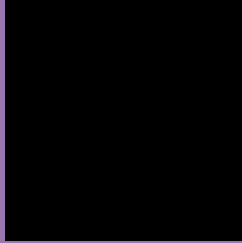
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 154, 118, 176 Background



This preview shows how black text looks on a background with the RYB color 154, 118, 176.



This preview shows how white text looks on a background with the RYB color 154, 118, 176.

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
154, 118, 176

Protanopia
115, 127, 185

Deuteranopia
122, 129, 174



Tritanopia
148, 126, 136

Trichromacy



Original Color
154, 118, 176

Protanomaly
129, 126, 182

Deuteranomaly
134, 126, 175

Tritanomaly
150, 123, 151

Monochromacy



Original Color
154, 118, 176

Achromatopsia
135, 135, 135

Achromatomaly
142, 129, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 118, 176 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(154, 118, 176)` looks like.

```
.text, #text, p{  
    color:rgb(154, 118, 176)  
}
```

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(154, 118, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 118, 176) }
```

Border

The CSS property to change the border of an element to RYB 154, 118, 176 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(154, 118, 176) }
```

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

```
.border{ border-color:rgb(154, 118, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 118, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 118, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 118, 176);  
box-shadow:4px 4px 4px 4px rgb(154, 118,  
176) }
```

Background

The CSS property to change the background color of an element to RYB 154, 118, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 118, 176) }
```

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

```
.background{ background-color: rgb(154,  
118, 176) }
```

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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