

Converting Colors

`RYB(154, 109, 154)`

Have a look what the booklet for
RYB(154, 109, 154) contains.

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Color

R_YB(154, 109, 154)

Conversions

Conversions Part 1

Format	Color
Hex	9A6D9A
RGB	154, 109, 154
RGB Percent	60%, 43%, 60%
CMY	0.3961, 0.5725, 0.3961
CMYK	0.00, 0.29, 0.00, 0.40
HSL	300°, 18%, 52%
HSV	300°, 29%, 60%
XYZ	24.6278, 20.1404, 33.1613
YIQ	127.5850, 12.3750, 23.5350

Conversions

Conversions Part 2

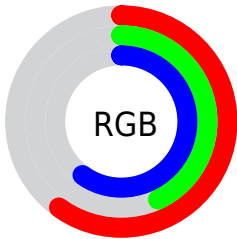
Format	Color
R_{YB}	154, 109, 154
Decimal	10120602
CIE _{Lab}	52.00, 25.68, -17.33
CIE _{LCh}	52, 30.977, 325.987
Yxy	20.1404, 0.3160, 0.2584
Android (android.graphics.Color)	4288310682 (0xFF9A6D9A)
YUV	127.5850, 13.0226, 23.1660
Hunter-Lab	44.8781, 19.4191, -12.3960

Details

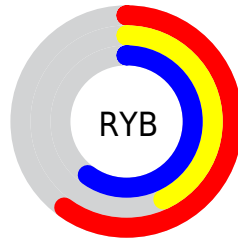
The RYB color **154, 109, 154** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **109, 154, 154**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **209, 161, 208**, and **102, 60, 103** is the 20% darker color. If you saturate the color by 10%, you get **154, 94, 154**, and if you desaturate by 10%, it is **154, 124, 154**.

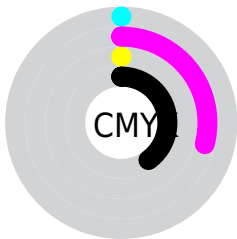
Distribution



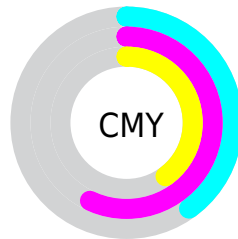
- Red (60%)
- Green (43%)
- Blue (60%)



- Red (60%)
- Yellow (43%)
- Blue (60%)



- Cyan (0%)
- Magenta (29%)
- Yellow (0%)
- Black (40%)



- Cyan (40%)
- Magenta (57%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 109, 154 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, 109, 154 by changing the saturation by 10% instead.

 154, 109, 154


255, 255, 255

 209, 161, 208

 238, 188, 237

 255, 216, 255

 255, 245, 255

 154, 109, 154

 128, 84, 128

 102, 60, 103


 77, 38, 79

 54, 15, 56

 34, 0, 34

 0, 0, 9

 0, 0, 0


 154, 109, 154


 154, 94, 154

 154, 109, 154

 154, 124, 154

 154, 78, 154

 154, 140, 154

 154, 63, 154

 154, 155, 155

 154, 47, 154

 154, 171, 171

 154, 32, 154

 154, 186, 186

 154, 17, 154

 154, 201, 201

 154, 1, 154

 154, 217, 217

 154, 0, 154

 154, 232, 232

 154, 248, 248

Harmonies

Analogous

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



122, 118, 172



154, 109, 154



172, 103, 129

Triad

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



154, 109, 154



105, 144, 71



0, 71, 146

Complementary

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



154, 109, 154



109, 154, 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.



49, 99, 138



154, 109, 154



75, 129, 86

Square

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



154, 109, 154



165, 130, 81



86, 129, 135



24, 86, 167

Rectangle

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



154, 109, 154



176, 104, 111



86, 129, 135



16, 77, 138

Sweetspot

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



154, 109, 154



201, 183, 201



109, 109, 154



102, 91, 102



230, 230, 230



102, 102, 102

Same Dimension

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



154, 109, 154



201, 131, 201



154, 109, 132



77, 69, 77



140, 0, 140



13, 0, 13

Inverse Universe

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



154, 109, 154



201, 131, 201



109, 139, 154



77, 69, 77



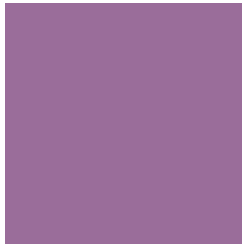
140, 0, 140



13, 0, 13

Previews

White Background



This preview shows how the RYB color 154, 109, 154 looks on a white background.

Color Contrast Check

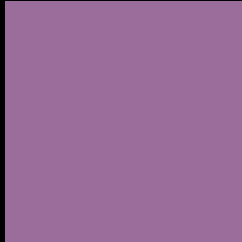
Large Text (above 18pt) WCAG AA ✓ Pass

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, 109, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

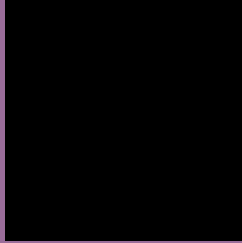
Any Text WCAG AA ✓ Pass

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, 109, 154 Background



This preview shows how black text looks on a background with the RYB color 154, 109, 154.



This preview shows how white text looks on a background with the RYB color 154, 109, 154.

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, 109, 154

Protanopia

113, 121, 164

Deuteranopia

123, 122, 152



Tritanopia
150, 115, 124

Trichromacy



Original Color

154, 109, 154

Protanomaly

128, 118, 160

Deuteranomaly

134, 117, 153

Tritanomaly

151, 113, 135

Monochromacy



Original Color

154, 109, 154

Achromatopsia

128, 128, 128

Achromatomaly

137, 121, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 109, 154 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, 109, 154)` looks like.

```
.text, #text, p{  
    color:rgb(154, 109, 154)  
}
```

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, 109, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 109, 154) }
```

Border

The CSS property to change the border of an element to RYB 154, 109, 154 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, 109, 154) }
```

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

```
.border{ border-color:rgb(154, 109, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 109, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 109, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 109, 154);  
box-shadow:4px 4px 4px 4px rgb(154, 109,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 154, 109, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 109, 154) }
```

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

```
.background{ background-color: rgb(154,  
109, 154) }
```

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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