

Converting Colors

`RYB(154, 122, 174)`

Have a look what the booklet for
RYB(154, 122, 174) contains.

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Color

R_YB(154, 122, 174)

Conversions

Conversions Part 1

Format	Color
Hex	9A7AAE
RGB	154, 122, 174
RGB Percent	60%, 48%, 68%
CMY	0.3961, 0.5216, 0.3176
CMYK	0.11, 0.30, 0.00, 0.32
HSL	277°, 24%, 58%
HSV	277°, 30%, 68%
XYZ	27.9259, 23.8451, 43.1751
YIQ	137.4960, 2.3800, 22.9560

Conversions

Conversions Part 2

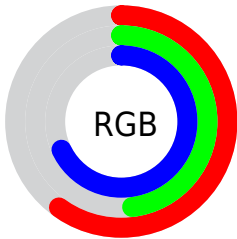
Format	Color
R_{YB}	154, 122, 174
Decimal	10123950
CIE _{Lab}	55.93, 22.35, -22.91
CIE _{LCh}	56, 32.005, 314.283
Yxy	23.8451, 0.2941, 0.2511
Android (android.graphics.Color)	4288314030 (0xFF9A7AAE)
YUV	137.4960, 17.9965, 14.4740
Hunter-Lab	48.8314, 16.6264, -18.2402

Details

The RYB color **154, 122, 174** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **122, 174, 154**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **209, 175, 230**, and **102, 73, 121** is the 20% darker color. If you saturate the color by 10%, you get **147, 105, 174**, and if you desaturate by 10%, it is **161, 139, 174**.

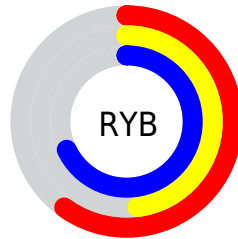
Distribution



Red (60%)

Green (48%)

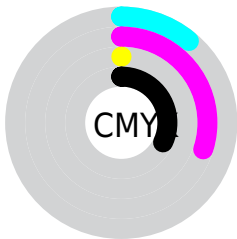
Blue (68%)



Red (60%)

Yellow (48%)

Blue (68%)

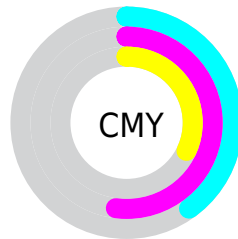


Cyan (11%)

Magenta (30%)

Yellow (0%)

Black (32%)



Cyan (40%)


Magenta (52%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 122, 174 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, 122, 174 by changing the saturation by 10% instead.


 154, 122, 174

255, 255, 255

 209, 175, 230

 237, 202, 255

 255, 230, 255


 154, 122, 174

 128, 97, 147

 102, 73, 121


 78, 50, 96

 54, 28, 72


 31, 6, 50


 0, 0, 28

 0, 0, 0

 154, 122, 174

 147, 105, 174

 154, 122, 174

 161, 139, 174

141, 87, 174

167, 157, 174

134, 70, 174

174, 174, 174

127, 52, 174

174, 192, 185

121, 35, 174

174, 209, 196

114, 18, 174

174, 226, 206

107, 0, 174

174, 244, 217

174, 255, 221

174, 255, 215

Harmonies

Analogous

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



115, 129, 188



154, 122, 174



179, 114, 150

Triad

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



154, 122, 174



150, 165, 81



30, 90, 149

Complementary

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



154, 122, 174



122, 174, 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.



73, 120, 148



154, 122, 174



81, 139, 79

Square

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



154, 122, 174



183, 125, 96



93, 144, 129



13, 86, 172

Rectangle

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



154, 122, 174



187, 112, 131



93, 144, 129



45, 100, 149

Sweetspot

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



154, 122, 174



219, 207, 227



122, 137, 174



110, 102, 115



242, 242, 242



115, 115, 115

Same Dimension

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



154, 122, 174



196, 145, 227



174, 122, 169



83, 78, 87



93, 0, 150



14, 0, 23

Inverse Universe

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



174, 122, 142



227, 145, 177



122, 169, 174



87, 78, 81



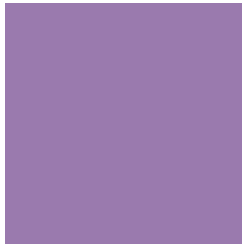
150, 0, 58



23, 0, 9

Previews

White Background



This preview shows how the RYB color 154, 122, 174 looks on a white background.

Color Contrast Check

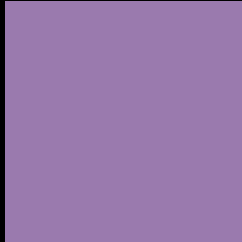
Large Text (above 18pt) WCAG AA ✓ Pass

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, 122, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

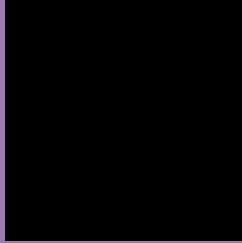
Any Text WCAG AA ✓ Pass

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, 122, 174 Background



This preview shows how black text looks on a background with the RYB color 154, 122, 174.

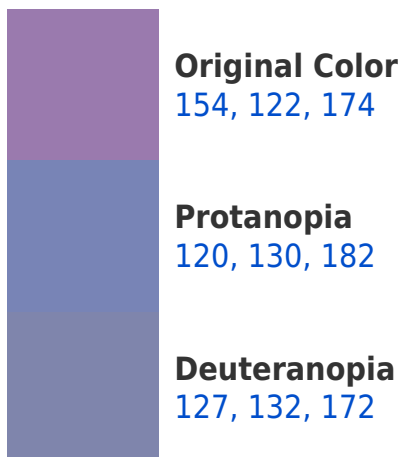



This preview shows how white text looks on a background with the RYB color 154, 122, 174.

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





Tritanopia
149, 129, 139

Trichromacy



Original Color
154, 122, 174

Protanomaly
132, 128, 179

Deuteranomaly
137, 128, 173

Tritanomaly
151, 126, 152

Monochromacy



Original Color
154, 122, 174

Achromatopsia
137, 137, 137

Achromatomaly
143, 132, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 122, 174 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, 122, 174)` looks like.

```
.text, #text, p{  
    color:rgb(154, 122, 174)  
}
```

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, 122, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 122, 174) }
```

Border

The CSS property to change the border of an element to RYB 154, 122, 174 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, 122, 174) }
```

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

```
.border{ border-color:rgb(154, 122, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 122, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 122, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 122, 174);  
box-shadow:4px 4px 4px 4px rgb(154, 122,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 154, 122, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 122, 174) }
```

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

```
.background{ background-color: rgb(154,  
122, 174) }
```

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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