

Converting Colors

`RYB(174, 94, 154)`

Have a look what the booklet for
RYB(174, 94, 154) contains.

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Color

RYP(174, 94, 154)

Conversions

Conversions Part 1

Format	Color
Hex	AE5E9A
RGB	174, 94, 154
RGB Percent	68%, 37%, 60%
CMY	0.3176, 0.6314, 0.3961
CMYK	0.00, 0.46, 0.11, 0.32
HSL	315°, 33%, 53%
HSV	315°, 46%, 68%
XYZ	27.2910, 19.3372, 32.8659
YIQ	124.7600, 28.4200, 35.6200

Conversions

Conversions Part 2

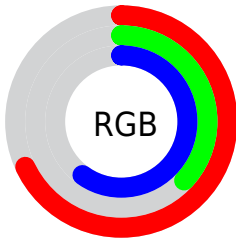
Format	Color
RYB	174, 94, 154
Decimal	11427482
CIELab	51.08, 40.73, -18.51
CIELCh	51, 44.733, 335.562
Yxy	19.3372, 0.3433, 0.2433
Android (android.graphics.Color)	4289617562 (0xFFAE5E9A)
YUV	124.7600, 14.4153, 43.1835
Hunter-Lab	43.9741, 33.8254, -13.5311

Details

The RYB color **174, 94, 154** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **94, 158, 174**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **231, 147, 209**, and **120, 43, 103** is the 20% darker color. If you saturate the color by 10%, you get **174, 77, 150**, and if you desaturate by 10%, it is **174, 111, 158**.

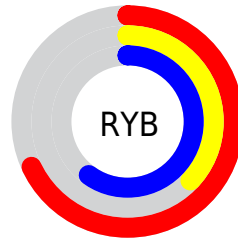
Distribution



Red (68%)

Green (37%)

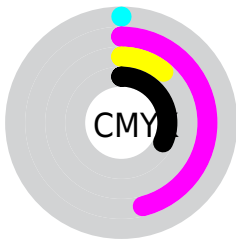
Blue (60%)



Red (68%)

Yellow (37%)

Blue (60%)

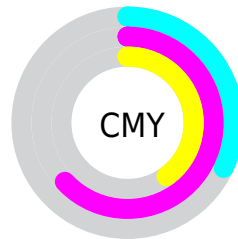


Cyan (0%)

Magenta (46%)

Yellow (11%)

Black (32%)



Cyan (32%)

Magenta (63%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the RYB color 174, 94, 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 174, 94, 154 by changing the saturation by 10% instead.

 174, 94, 154


255, 255, 255

 231, 147, 209

 255, 174, 237


 255, 202, 255

 255, 230, 255

 174, 94, 154

 146, 69, 128

 120, 43, 103

 93, 16, 79

 68, 0, 56

 46, 0, 34


 2, 0, 8

 0, 0, 0

 174, 94, 154

 174, 77, 150

 174, 94, 154

 174, 111, 158

174, 59, 145

174, 129, 163

174, 42, 141

174, 146, 167

174, 24, 137

174, 164, 171

174, 7, 132

174, 179, 181

174, 0, 131

174, 193, 198

174, 208, 216

174, 221, 233

174, 236, 251

Harmonies

Analogous

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



133, 109, 184



174, 94, 154



192, 88, 116

Triad

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



174, 94, 154



57, 136, 41



0, 75, 165

Complementary

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



174, 94, 154



94, 158, 174

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.



0, 74, 141



174, 94, 154



56, 132, 92

Square

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



174, 94, 154



168, 162, 51



37, 104, 138



0, 79, 191

Rectangle

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



174, 94, 154



191, 91, 91



37, 104, 138



0, 73, 153

Sweetspot

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



174, 94, 154



227, 195, 219



114, 94, 174



115, 95, 110



242, 242, 242



115, 115, 115

Same Dimension

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



174, 94, 154



227, 102, 196



174, 94, 114



87, 78, 85



150, 0, 113



23, 0, 17

Inverse Universe

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



174, 94, 154



227, 102, 196



94, 140, 174



87, 78, 85



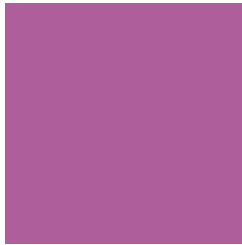
150, 0, 113



23, 0, 17

Previews

White Background



This preview shows how the RYB color 174, 94, 154 looks on a white background.

Color Contrast Check

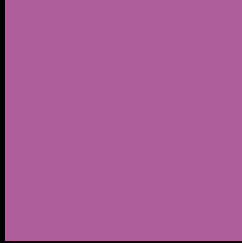
Large Text (above 18pt) WCAG AA ✓ Pass

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 174, 94, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

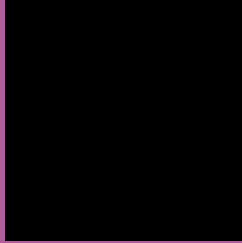
Any Text WCAG AA ✓ Pass

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](#).

R Y B 174, 94, 154 Background



This preview shows how black text looks on a background with the RYB color 174, 94, 154.

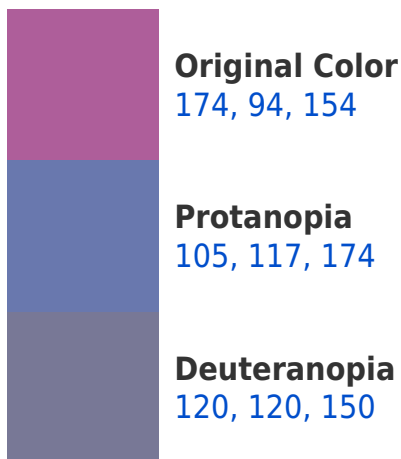



This preview shows how white text looks on a background with the RYB color 174, 94, 154.

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





Tritanopia
169, 103, 111

Trichromacy



Original Color
174, 94, 154

Protanomaly
130, 111, 167

Deuteranomaly
140, 111, 151

Tritanomaly
171, 100, 127

Monochromacy



Original Color
174, 94, 154

Achromatopsia
125, 125, 125

Achromatomaly
143, 114, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 94, 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(174, 94, 154) looks like.

```
.text, #text, p{  
    color:rgb(174, 94, 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(174, 94, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 94, 154) }
```

Border

The CSS property to change the border of an element to RYB 174, 94, 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(174, 94, 154) }
```

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

```
.border{ border-color:rgb(174, 94, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 94, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 94, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 94, 154);  
box-shadow:4px 4px 4px 4px rgb(174, 94,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 174, 94, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 94, 154) }
```

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

```
.background{ background-color: rgb(174, 94,  
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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