

Converting Colors

`RYB(174, 93, 106)`

Have a look what the booklet for
RYB(174, 93, 106) contains.

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Color

`RYB(174, 93, 106)`

Conversions

Conversions Part 1

Format	Color
Hex	AE5D6A
RGB	174, 93, 106
RGB Percent	68%, 36%, 42%
CMY	0.3176, 0.6353, 0.5843
CMYK	0.00, 0.47, 0.39, 0.32
HSL	350°, 33%, 52%
HSV	350°, 47%, 68%
XYZ	23.9714, 17.8680, 15.8211
YIQ	118.7010, 44.1030, 21.2150

Conversions

Conversions Part 2

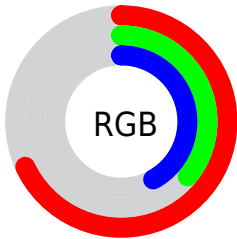
Format	Color
RYB	174, 93, 106
Decimal	11427178
CIELab	49.34, 34.29, 7.50
CIELCh	49, 35.096, 12.343
Yxy	17.8680, 0.4157, 0.3099
Android (android.graphics.Color)	4289617258 (0xFFAE5D6A)
YUV	118.7010, -6.2616, 48.4972
Hunter-Lab	42.2705, 27.2531, 7.3982

Details

The RYB color **174, 93, 106** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **93, 137, 174**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **232, 145, 157**, and **119, 44, 59** is the 20% darker color. If you saturate the color by 10%, you get **174, 76, 91**, and if you desaturate by 10%, it is **174, 110, 121**.

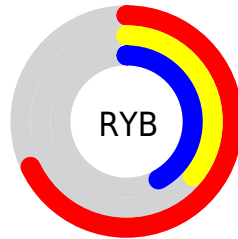
Distribution



Red (68%)

Green (36%)

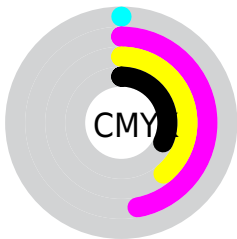
Blue (42%)



Red (68%)

Yellow (36%)

Blue (42%)

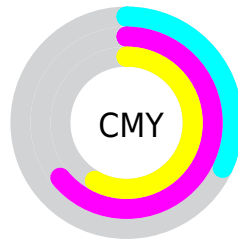


Cyan (0%)

Magenta (47%)

Yellow (39%)

Black (32%)



Cyan (32%)














Magenta (64%)







Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 93, 106 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, 93, 106 by changing the saturation by 10% instead.

 174, 93, 106	 174, 93, 106
 255, 255, 255	 146, 68, 82
 232, 145, 157	 119, 44, 59
 255, 172, 184	 92, 18, 37
 255, 200, 212	 66, 0, 17
 255, 228, 240	 44, 0, 1
	 0, 0, 0

 174, 93, 106	 174, 93, 106
 174, 76, 91	 174, 110, 121
 174, 58, 77	 174, 128, 135

■ 174, 41, 62

■ 174, 145, 150

■ 174, 23, 48

■ 174, 163, 164

■ 174, 6, 33

■ 174, 177, 180

■ 174, 0, 28

■ 174, 186, 197

■ 174, 196, 215

■ 174, 205, 232

■ 174, 216, 250

Harmonies

Analogous

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



164, 95, 136



174, 93, 106



169, 105, 79

Triad

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



174, 93, 106



72, 127, 108



13, 79, 173

Complementary

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



174, 93, 106



93, 137, 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, 71, 157



174, 93, 106



48, 100, 131

Square

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



174, 93, 106



62, 124, 57



0, 68, 133



91, 110, 175

Rectangle

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



174, 93, 106



158, 138, 65



0, 68, 133



0, 73, 169

Sweetspot

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



174, 93, 106



227, 195, 200



161, 93, 174



115, 95, 98



242, 242, 242



115, 115, 115

Same Dimension

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



174, 93, 106



227, 100, 120



174, 134, 93



87, 78, 79



150, 0, 24



23, 0, 4

Inverse Universe

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



174, 93, 106



227, 100, 120



93, 125, 174



87, 78, 79



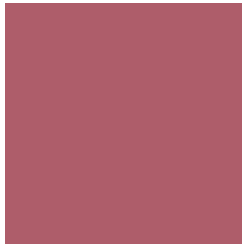
150, 0, 24



23, 0, 4

Previews

White Background



This preview shows how the RYB color 174, 93, 106 looks on a white background.

Color Contrast Check

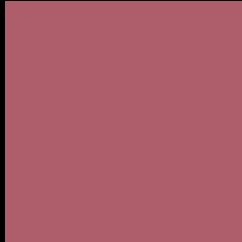
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 174, 93, 106 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](#).

RYP 174, 93, 106 Background



This preview shows how black text looks on a background with the RYP color 174, 93, 106.

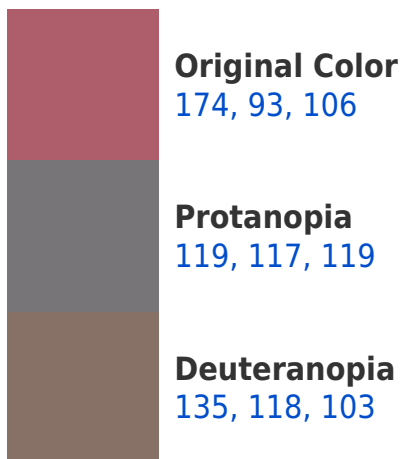


This preview shows how white text looks on a background with the RYP color 174, 93, 106.

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
174, 94, 101

Trichromacy



Original Color

174, 93, 106

Protanomaly

139, 108, 114

Deuteranomaly

149, 106, 104

Tritanomaly

174, 94, 103

Monochromacy



Original Color

174, 93, 106

Achromatopsia

119, 119, 119

Achromatomaly

139, 110, 114

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 93, 106 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, 93, 106) looks like.

```
.text, #text, p{  
    color:rgb(174, 93, 106)  
}
```

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, 93, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 93, 106) }
```

Border

The CSS property to change the border of an element to RYB 174, 93, 106 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, 93, 106) }
```

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

```
.border{ border-color:rgb(174, 93, 106) }
```

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

Here you see how a box with a 4 pixel rgb(174, 93, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 93, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 93, 106);  
box-shadow:4px 4px 4px 4px rgb(174, 93,  
106) }
```

Background

The CSS property to change the background color of an element to RGB 174, 93, 106 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 93, 106) }
```

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

```
.background{ background-color: rgb(174, 93,  
106) }
```

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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