

# Converting Colors

`RYB(174, 98, 115)`

Have a look what the booklet for  
RYB(174, 98, 115) contains.

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# Color

**`RYB(174, 98, 115)`**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE6273
RGB	174, 98, 115
RGB Percent	68%, 38%, 45%
CMY	0.3176, 0.6157, 0.5490
CMYK	0.00, 0.44, 0.34, 0.32
HSL	347°, 32%, 53%
HSV	347°, 44%, 68%
XYZ	24.9178, 18.9718, 18.5683
YIQ	122.6620, 39.8390, 21.3990

# Conversions

## Conversions Part 2

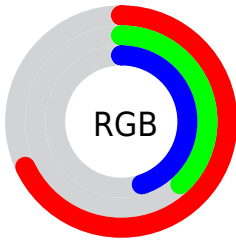
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	174, 98, 115
Decimal	11428467
CIE Lab	50.65, 32.70, 4.01
CIE LCh	51, 32.950, 6.994
Yxy	18.9718, 0.3990, 0.3038
Android (android.graphics.Color)	4289618547 (0xFFAE6273)
YUV	122.6620, -3.7774, 45.0234
Hunter-Lab	43.5567, 25.8915, 5.2143

# Details

The RYB color **174, 98, 115** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **98, 141, 174**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **231, 150, 167**, and **119, 49, 67** is the 20% darker color. If you saturate the color by 10%, you get **174, 81, 101**, and if you desaturate by 10%, it is **174, 115, 129**.

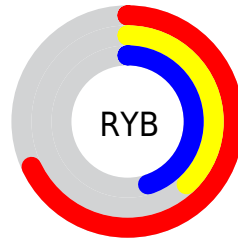
# Distribution



Red (68%)

Green (38%)

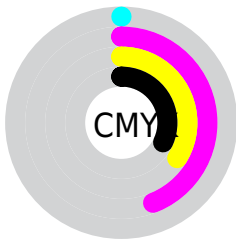
Blue (45%)



Red (68%)

Yellow (38%)

Blue (45%)

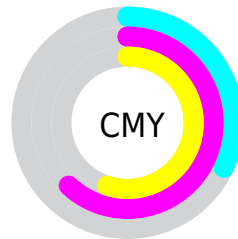


Cyan (0%)

Magenta (44%)

Yellow (34%)

Black (32%)



Cyan (32%)

Magenta (62%)














Yellow (55%)







# Brightness & Saturation Gradients

These gradients show how the RYB color 174, 98, 115 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, 98, 115 by changing the saturation by 10% instead.



 174, 98, 115	 174, 98, 115
 255, 255, 255	 146, 73, 91
 231, 150, 167	 119, 49, 67
 255, 177, 194	 93, 24, 45
 255, 205, 222	 67, 0, 25
 255, 234, 250	 46, 0, 1
	 0, 0, 0

 174, 98, 115	 174, 98, 115
 174, 81, 101	 174, 115, 129
 174, 63, 88	 174, 133, 142

■ 174, 46, 74

■ 174, 150, 156

■ 174, 28, 61

■ 174, 168, 169

■ 174, 11, 47

■ 174, 180, 185

■ 174, 0, 39

■ 174, 190, 202

■ 174, 200, 220

■ 174, 209, 237

■ 174, 220, 255

# Harmonies

## Analogous

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



161, 102, 143



174, 98, 115



172, 105, 88

# Triad

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



174, 98, 115



75, 129, 102



25, 86, 172

# Complementary

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



174, 98, 115



98, 141, 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, 153



174, 98, 115



66, 112, 134

# Square

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



174, 98, 115



77, 132, 64



3, 71, 135



89, 112, 176

# Rectangle

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



174, 98, 115



163, 129, 74



3, 71, 135



0, 73, 167



# Sweetspot

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



174, 98, 115



227, 197, 204



156, 98, 174



115, 96, 100



242, 242, 242



115, 115, 115



# Same Dimension

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



174, 98, 115



227, 109, 135



174, 125, 98



87, 78, 80



150, 0, 34



23, 0, 5



# Inverse Universe

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



174, 98, 115



227, 109, 135



98, 130, 174



87, 78, 80



150, 0, 34

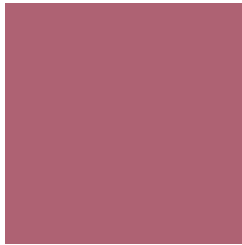


23, 0, 5



# Previews

## White Background



This preview shows how the RYB color 174, 98, 115 looks on a white background.

## Color Contrast Check

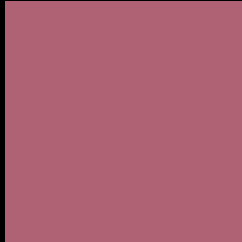
Large Text (above 18pt) WCAG AA ✓ Pass

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, 98, 115 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 174, 98, 115 Background**



This preview shows how black text looks on a background with the RYB color 174, 98, 115.



This preview shows how white text looks on a background with the RYB color 174, 98, 115.

# 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**  
174, 98, 115

**Protanopia**  
121, 120, 128

**Deuteranopia**  
136, 118, 112



**Tritanopia**  
173, 99, 107

# Trichromacy



**Original Color**

174, 98, 115

**Protanomaly**

140, 112, 123

**Deuteranomaly**

150, 110, 113

**Tritanomaly**

173, 99, 110

# Monochromacy



**Original Color**

174, 98, 115

**Achromatopsia**

123, 123, 123

**Achromatomaly**

142, 114, 120

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 174, 98, 115 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, 98, 115)` looks like.

```
.text, #text, p{  
    color:rgb(174, 98, 115)  
}
```

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, 98, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 98, 115) }
```

## Border

The CSS property to change the border of an element to RYB 174, 98, 115 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, 98, 115) }
```

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

```
.border{ border-color:rgb(174, 98, 115) }
```

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

Here you see how a box with a 4 pixel rgb(174, 98, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 98, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 98, 115);  
box-shadow:4px 4px 4px 4px rgb(174, 98,  
115) }
```

# Background

The CSS property to change the background color of an element to RGB 174, 98, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 98, 115) }
```

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

```
.background{ background-color: rgb(174, 98,  
115) }
```

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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