

Converting Colors

`RYB(174, 102, 89)`

Have a look what the booklet for
RYB(174, 102, 89) contains.

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Color

RYB(174, 102, 89)

Conversions

Conversions Part 1	
Format	Color
Hex	AE6459
RGB	174, 100, 89
RGB Percent	68%, 39%, 35%
CMY	0.3176, 0.6068, 0.6510
CMYK	0.00, 0.42, 0.49, 0.32
HSL	8°, 34%, 52%
HSV	8°, 49%, 68%
XYZ	23.8424, 18.8872, 11.8402
YIQ	120.8720, 47.6350, 12.2670

Conversions

Conversions Part 2

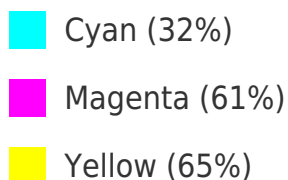
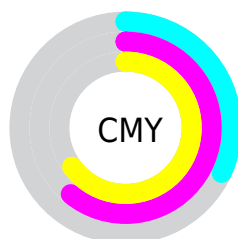
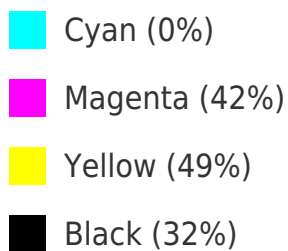
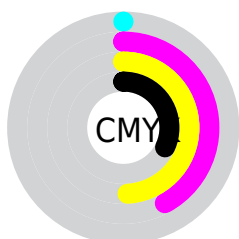
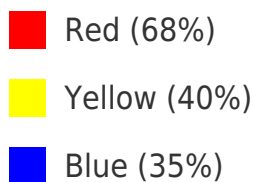
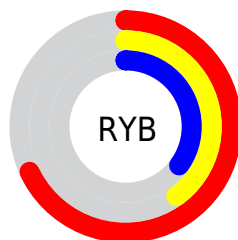
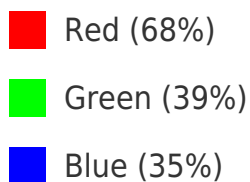
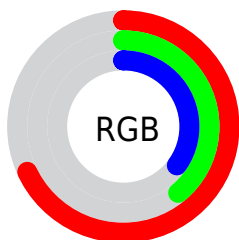
Format	Color
RYB	174, 102, 89
Decimal	11428953
CIELab	50.56, 28.46, 19.29
CIELCh	51, 34.381, 34.126
Yxy	18.8872, 0.4369, 0.3461
Android (android.graphics.Color)	4289619033 (0xFFAE6459)
YUV	120.8720, -15.7129, 46.5933
Hunter-Lab	43.4594, 21.8733, 14.2685

Details

The RYB color **174, 102, 89** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **89, 129, 174**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **232, 154, 139**, and **118, 52, 43** is the 20% darker color. If you saturate the color by 10%, you get **174, 87, 72**, and if you desaturate by 10%, it is **174, 116, 106**.














Distribution









Brightness & Saturation Gradients

These gradients show how the RYB color 174, 102, 89 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, 102, 89 by changing the saturation by 10% instead.

 174, 102, 89	 174, 102, 89
255, 255, 255	 146, 77, 66
 232, 154, 139	 118, 53, 43
 255, 182, 165	 91, 28, 23
 255, 211, 193	 65, 3, 0
 255, 246, 220	 42, 0, 1
 249, 255, 249	 0, 0, 0

 174, 102, 89	 174, 102, 89
 174, 87, 72	 174, 116, 106
 174, 72, 54	 174, 131, 124

 174, 58, 37

 174, 147, 141

 174, 43, 19


 174, 161, 159

 174, 29, 2

 174, 175, 176

 174, 27, 0

 174, 183, 193

 174, 191, 211

 174, 199, 228

 174, 207, 246

Harmonies

Analogous

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



175, 96, 117



174, 102, 89



159, 146, 68

Triad

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



174, 102, 89



67, 114, 133



81, 110, 179

Complementary

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



174, 102, 89



89, 129, 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, 172



174, 102, 89



0, 71, 136

Square

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



174, 102, 89



70, 128, 94



0, 71, 152



128, 111, 169

Rectangle

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



174, 102, 89



101, 144, 61



0, 71, 152



61, 102, 178

Sweetspot

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



174, 102, 89



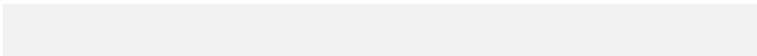
227, 198, 193



174, 89, 164



115, 98, 94



242, 242, 242



115, 115, 115

Same Dimension

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



174, 102, 89



227, 114, 93



143, 174, 89



87, 79, 78



150, 23, 0



23, 3, 0

Inverse Universe

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



89, 129, 174



93, 155, 227



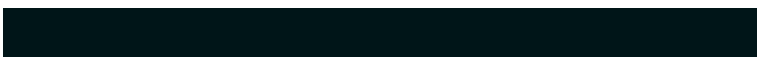
89, 113, 174



78, 82, 87



0, 70, 150



0, 11, 23

Previews

White Background



This preview shows how the RYB color 174, 102, 89 looks on a white background.

Color Contrast Check

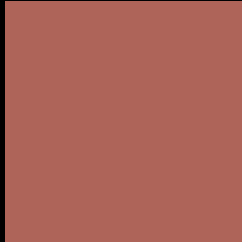
Large Text (above 18pt) WCAG AA ✓ Pass

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, 102, 89 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

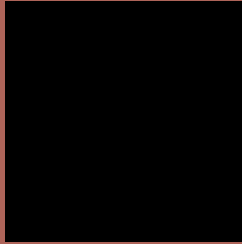
Any Text WCAG AA ✓ Pass

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, 102, 89 Background



This preview shows how black text looks on a background with the RYB color 174, 102, 89.



This preview shows how white text looks on a background with the RYB color 174, 102, 89.

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, 102, 89

Protanopia

107, 128, 98

Deuteranopia





140, 144, 86






Tritanopia

175, 98, 105

Trichromacy

	Original Color 174, 102, 89
	Protanomaly 145, 123, 95
	Deuteranomaly 155, 122, 87
	Tritanomaly 175, 99, 99

Monochromacy

	Original Color 174, 102, 89
	Achromatopsia 121, 121, 121
	Achromatomaly 140, 114, 109

CSS Examples

Text

The CSS property to change the color of the text to RGB 174, 102, 89 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, 100, 89) looks like.

```
.text, #text, p{  
    color:rgb(174, 100, 89)  
}
```

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, 100, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 100, 89) }
```

Border

The CSS property to change the border of an element to RYB 174, 102, 89 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, 100, 89) }
```

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

```
.border{ border-color:rgb(174, 100, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 100, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 100, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 100, 89);  
box-shadow:4px 4px 4px 4px rgb(174, 100,  
89) }
```

Background

The CSS property to change the background color of an element to RGB 174, 102, 89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 100, 89) }
```

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

```
.background{ background-color: rgb(174,  
100, 89) }
```

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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