

Converting Colors

`RYB(174, 107, 102)`

Have a look what the booklet for
RYB(174, 107, 102) contains.

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Color

R_YB(174, 107, 102)

Conversions

Conversions Part 1

Format	Color
Hex	AE6B66
RGB	174, 107, 102
RGB Percent	68%, 42%, 40%
CMY	0.3176, 0.5817, 0.6000
CMYK	0.00, 0.39, 0.41, 0.32
HSL	4°, 31%, 54%
HSV	4°, 41%, 68%
XYZ	25.0777, 20.4058, 15.1873
YIQ	126.4630, 41.5370, 12.6490

Conversions

Conversions Part 2

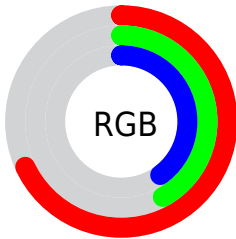
Format	Color
R_{YB}	174, 107, 102
Decimal	11430758
CIE Lab	52.29, 26.32, 14.02
CIE LCh	52, 29.828, 28.046
Yxy	20.4058, 0.4133, 0.3363
Android (android.graphics.Color)	4289620838 (0xFFAE6B66)
YUV	126.4630, -12.0603, 41.6899
Hunter-Lab	45.1728, 20.0422, 11.6873

Details

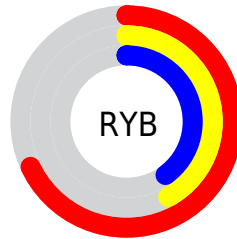
The RYB color **174, 107, 102** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **102, 137, 174**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **231, 160, 153**, and **119, 58, 55** is the 20% darker color. If you saturate the color by 10%, you get **174, 90, 85**, and if you desaturate by 10%, it is **174, 123, 119**.

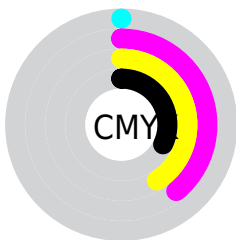
Distribution



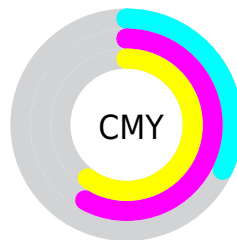
- Red (68%)
- Green (42%)
- Blue (40%)



- Red (68%)
- Yellow (42%)
- Blue (40%)



- Cyan (0%)
- Magenta (39%)
- Yellow (41%)
- Black (32%)




- Cyan (32%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 107, 102 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, 107, 102 by changing the saturation by 10% instead.

 174, 107, 102


255, 255, 255

 231, 160, 153

 255, 187, 180

 255, 215, 207

 255, 248, 235

 174, 107, 102

 146, 82, 78


 119, 58, 55

 92, 35, 34

 67, 11, 12


 44, 0, 0


 0, 0, 0


 174, 107, 102

 174, 90, 85

 174, 74, 67

 174, 107, 102


 174, 123, 119

 174, 139, 137

 174, 59, 50

 174, 155, 154


 174, 43, 32

 174, 172, 172

 174, 26, 15

 174, 181, 189

 174, 12, 0

 174, 189, 206

 174, 198, 224

 174, 206, 241

 174, 214, 255

Harmonies

Analogous

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



172, 105, 127



174, 107, 102



163, 135, 82

Triad

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



174, 107, 102



87, 128, 136



85, 114, 175

Complementary

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



174, 107, 102



102, 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.



39, 94, 167



174, 107, 102



52, 99, 138

Square

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



174, 107, 102



79, 130, 92



17, 80, 148



125, 119, 170

Rectangle

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



174, 107, 102



127, 151, 75



17, 80, 148



70, 108, 174

Sweetspot

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



174, 107, 102



227, 201, 200



174, 102, 170



115, 100, 99



242, 242, 242



115, 115, 115

Same Dimension

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



174, 107, 102



227, 122, 113



160, 174, 102



87, 79, 78



150, 11, 0



23, 1, 0

Inverse Universe

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



102, 137, 174



113, 168, 227



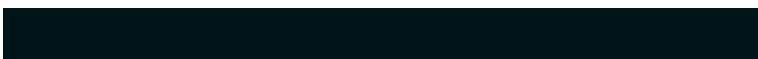
102, 124, 174



78, 82, 87



0, 73, 150



0, 11, 23

Previews

White Background



This preview shows how the RYB color 174, 107, 102 looks on a white background.

Color Contrast Check

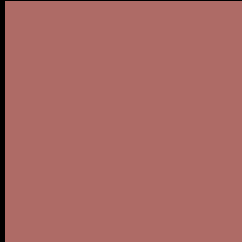
Large Text (above 18pt) WCAG AA ✓ Pass

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, 107, 102 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, 107, 102 Background



This preview shows how black text looks on a background with the RYB color 174, 107, 102.

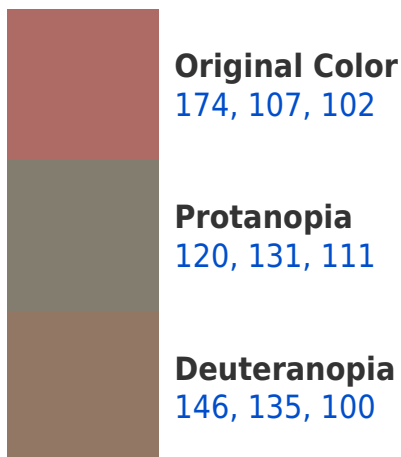



This preview shows how white text looks on a background with the RYB color 174, 107, 102.

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
175, 105, 113

Trichromacy



Original Color

174, 107, 102

Protanomaly

147, 121, 108

Deuteranomaly

156, 120, 101

Tritanomaly

175, 106, 109

Monochromacy



Original Color

174, 107, 102

Achromatopsia

126, 126, 126

Achromatomaly

143, 119, 117

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 107, 102 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, 107, 102) looks like.

```
.text, #text, p{  
    color:rgb(174, 107, 102)  
}
```

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, 107, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 107, 102) }
```

Border

The CSS property to change the border of an element to RYB 174, 107, 102 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, 107, 102) }
```

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

```
.border{ border-color:rgb(174, 107, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 107, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 107, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 107, 102);  
box-shadow:4px 4px 4px 4px rgb(174, 107,  
102) }
```

Background

The CSS property to change the background color of an element to RYB 174, 107, 102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 107, 102) }
```

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

```
.background{ background-color: rgb(174,  
107, 102) }
```

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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