

Converting Colors

`RYB(175, 102, 118)`

Have a look what the booklet for
RYB(175, 102, 118) contains.

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Color

`RYB(175, 102, 118)`

Conversions

Conversions Part 1

Format	Color
Hex	AF6676
RGB	175, 102, 118
RGB Percent	69%, 40%, 46%
CMY	0.3137, 0.6000, 0.5373
CMYK	0.00, 0.42, 0.33, 0.31
HSL	347°, 31%, 54%
HSV	347°, 42%, 69%
XYZ	25.7006, 19.9247, 19.6308
YIQ	125.6510, 38.3720, 20.4520

Conversions

Conversions Part 2

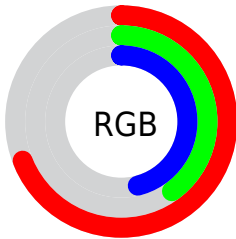
Format	Color
R_{YB}	175, 102, 118
Decimal	11495030
CIE _{Lab}	51.75, 31.29, 3.83
CIE _{LCh}	52, 31.523, 6.975
Yxy	19.9247, 0.3938, 0.3053
Android (android.graphics.Color)	4289685110 (0xFFAF6676)
YUV	125.6510, -3.7719, 43.2791
Hunter-Lab	44.6371, 24.6595, 5.1710

Details

The RYB color **175, 102, 118** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **102, 143, 175**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **232, 154, 170**, and **120, 53, 70** is the 20% darker color. If you saturate the color by 10%, you get **175, 85, 104**, and if you desaturate by 10%, it is **175, 120, 132**.

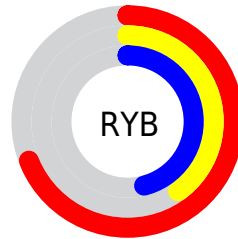
Distribution



Red (69%)

Green (40%)

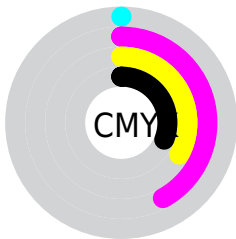
Blue (46%)



Red (69%)

Yellow (40%)

Blue (46%)

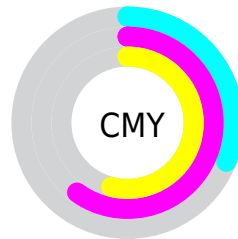


Cyan (0%)

Magenta (42%)

Yellow (33%)

Black (31%)



Cyan (31%)

Magenta (60%)

Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the RYB color 175, 102, 118 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 175, 102, 118 by changing the saturation by 10% instead.

 175, 102, 118

255, 255, 255

 232, 154, 170

 255, 181, 197


 255, 209, 225

 255, 238, 254

 175, 102, 118

 147, 77, 93

 120, 53, 70

 94, 29, 48

 68, 3, 27

 47, 0, 0

 0, 0, 0


 175, 102, 118

 175, 85, 104

 175, 67, 91

 175, 102, 118

 175, 120, 132

 175, 137, 145

■ 175, 50, 77

■ 175, 155, 159

■ 175, 32, 63

■ 175, 172, 173

■ 175, 15, 50

■ 175, 184, 190

■ 175, 0, 38

■ 175, 193, 207

■ 175, 203, 225

■ 175, 213, 242

■ 175, 219, 255

Harmonies

Analogous

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



162, 105, 145



175, 102, 118



173, 109, 92

Triad

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



175, 102, 118



79, 131, 104



41, 95, 172

Complementary

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



175, 102, 118



102, 143, 175

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, 72, 155



175, 102, 118



72, 116, 136

Square

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



175, 102, 118



82, 135, 69



28, 85, 138



94, 116, 177

Rectangle

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



175, 102, 118



164, 130, 79



28, 85, 138



18, 83, 168

Sweetspot

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



175, 102, 118



227, 197, 204



158, 102, 175



115, 96, 100



242, 242, 242



115, 115, 115

Same Dimension

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



175, 102, 118



227, 113, 138



175, 128, 102



87, 78, 80



150, 0, 33



23, 0, 5

Inverse Universe

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



175, 102, 118



227, 113, 138



102, 133, 175



87, 78, 80



150, 0, 33



23, 0, 5

Previews

White Background



This preview shows how the RYB color 175, 102, 118 looks on a white background.

Color Contrast Check

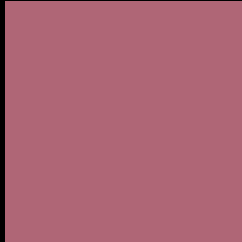
Large Text (above 18pt) WCAG AA ✓ Pass

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 175, 102, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

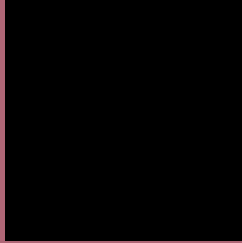
Any Text WCAG AA ✓ Pass

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 175, 102, 118 Background



This preview shows how black text looks on a background with the RYB color 175, 102, 118.



This preview shows how white text looks on a background with the RYB color 175, 102, 118.

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
175, 102, 118

Protanopia
124, 123, 130

Deuteranopia
139, 121, 115



Tritanopia
174, 103, 111

Trichromacy



Original Color

175, 102, 118

Protanomaly

143, 115, 126

Deuteranomaly

152, 113, 116

Tritanomaly

174, 103, 114

Monochromacy



Original Color

175, 102, 118

Achromatopsia

126, 126, 126

Achromatomaly

144, 117, 123

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 102, 118 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(175, 102, 118)` looks like.

```
.text, #text, p{  
    color:rgb(175, 102, 118)  
}
```

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(175, 102, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 102, 118) }
```

Border

The CSS property to change the border of an element to RYB 175, 102, 118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

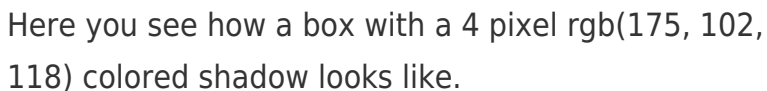
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 102, 118) }
```

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

```
.border{ border-color:rgb(175, 102, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 102, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 102, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 102, 118); box-shadow:4px 4px 4px 4px rgb(175, 102, 118) }
```

Background

The CSS property to change the background color of an element to RYB 175, 102, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 102, 118) }
```

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

```
.background{ background-color: rgb(175,  
102, 118) }
```

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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