Converting Colors

RGB(175, 102, 116)

Have a look what the booklet for RGB(175, 102, 116) contains.

Color

RGB(175, 102, 116)

Conversions

Conversions Part 1

Format	Color
Hex	AF6674
RGB	175, 102, 116
RGB Percent	69%, 40%, 45%
CMY	0.3137, 0.6000, 0.5451
CMYK	0.00, 0.42, 0.34, 0.31
HSL	348°, 31%, 54%
HSV	348°, 42%, 69%
XYZ	25.5830, 19.8777, 19.0114
YIQ	125.4230, 39.0140, 19.8300

Conversions

Conversions Part 2

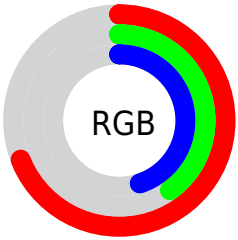
Format	Color
RYB	175, 102, 116
Decimal	11495028
CIELab	51.70, 31.03, 4.94
CIELCh	52, 31.416, 9.042
Yxy	19.8777, 0.3968, 0.3083
Android (android.graphics.Color)	4289685108 (0xFFAF6674)
YUV	125.4230, -4.6455, 43.4790
Hunter-Lab	44.5844, 24.4024, 5.9270

Details

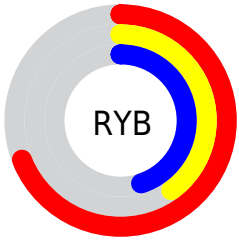
The RGB color 175, 102, 116 is a dark color, and the websafe version is hex 996666. A complement of this color would be 102, 175, 161, and the grayscale version is 125, 125, 125.

A 20% lighter version of the original color is 232, 154, 168, and 120, 53, 68 is the 20% darker color. If you saturate the color by 10%, you get 175, 85, 102, and if you desaturate by 10%, it is 175, 120, 130.

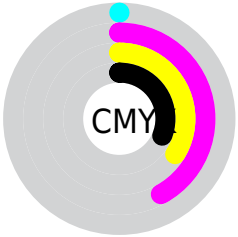
Distribution



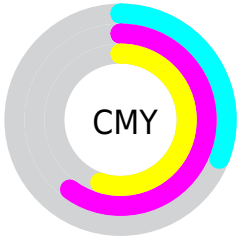
- Red (69%)
- Green (40%)
- Blue (45%)



- Red (69%)
- Yellow (40%)
- Blue (45%)



- Cyan (0%)
- Magenta (42%)
- Yellow (34%)
- Black (31%)



- Cyan (31%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 102, 116 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 RGB color 175, 102, 116 by changing the saturation by 10% instead.

175, 102, 116	175, 102, 116
255, 255, 255	147, 77, 91
232, 154, 168	120, 53, 68
255, 181, 195	94, 29, 46
255, 209, 223	68, 3, 25
255, 238, 252	46, 0, 0
	0, 0, 0

175, 102, 116	175, 102, 116
175, 85, 102	175, 120, 130
175, 67, 88	175, 137, 144

175, 50, 74

175, 32, 59

175, 15, 45

175, 0, 34

175, 155, 158

175, 172, 173

175, 190, 187

175, 207, 201

175, 225, 215

175, 242, 229

175, 255, 243

Harmonies

Analogous

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

163, 105, 143

175, 102, 116

172, 106, 91

Triad

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

175, 102, 116

103, 132, 80

46, 131, 173

Complementary

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

175, 102, 116

102, 175, 161

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, 136, 156

175, 102, 116

69, 136, 103

Square

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

175, 102, 116

133, 124, 69

24, 138, 131

97, 123, 176

Rectangle

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

175, 102, 116

163, 112, 78

24, 138, 131

24, 133, 169

Sweetspot

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

175, 102, 116

227, 197, 203

160, 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, 116

227, 113, 135

175, 124, 102

87, 78, 80

150, 0, 29

23, 0, 4

Inverse Universe

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

175, 102, 116

227, 113, 135

102, 153, 175

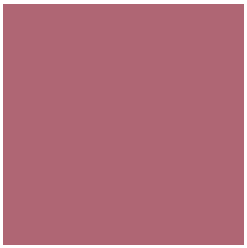
87, 78, 80

150, 0, 29

23, 0, 4

Previews

White Background

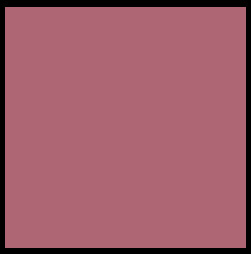


This preview shows how the RGB color 175, 102, 116 looks on a white background.

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



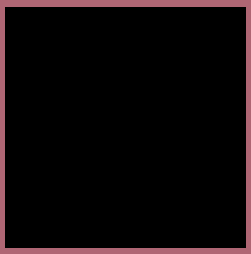
This preview shows how the RGB color 175, 102, 116 looks on a black background.

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.

RGB 175, 102, 116 Background



This preview shows how black text looks on a background with the RGB color 175, 102, 116.

This preview shows how white text looks on a background with the RGB color 175, 102, 116.

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

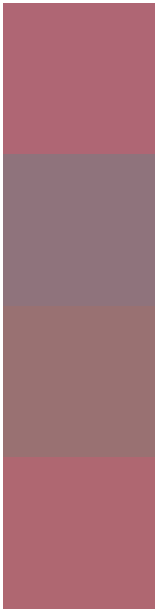
Original Color
175, 102, 116

Protanopia
125, 123, 128

Deuteranopia
140, 119, 113

Tritanopia
175, 103, 111

Trichromacy



Original Color
175, 102, 116

Protanomaly
143, 115, 124

Deuteranomaly
153, 113, 114

Tritanomaly
175, 103, 113

Monochromacy

Original Color
175, 102, 116

Achromatopsia
125, 125, 125

Achromatomaly
143, 117, 122

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 102, 116 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, 116) looks like.

```
.text, #text, p{
    color:rgb(175, 102, 116)
}
```

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, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 102, 116) }
```

Border

The CSS property to change the border of an element to RGB 175, 102, 116 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, 116) }
```

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

```
.border{ border-color:rgb(175, 102, 116) }
```

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, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 102, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 102, 116); box-shadow:4px 4px 4px 4px rgb(175, 102, 116) }
```

Background

The CSS property to change the background color of an element to RGB 175, 102, 116 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, 116) }
```

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

```
.background{ background-color:rgb(175,
102, 116) }
```

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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