Converting Colors

RGB(170, 119, 144)

Have a look what the booklet for RGB(170, 119, 144) contains.

Color

RGB(170, 119, 144)

Conversions

Conversions Part 1

Format	Color
Hex	AA7790
RGB	170, 119, 144
RGB Percent	67%, 47%, 56%
CMY	0.3333, 0.5333, 0.4353
CMYK	0.00, 0.30, 0.15, 0.33
HSL	331°, 23%, 57%
HSV	331°, 30%, 67%
XYZ	28.2084, 23.7533, 29.4837
YIQ	137.0990, 22.3710, 18.5870

Conversions

Conversions Part 2

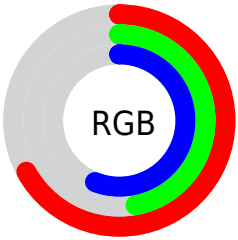
Format	Color
RYB	170, 119, 144
Decimal	11171728
CIELab	55.84, 23.86, -5.53
CIELCh	56, 24.493, 346.954
Yxy	23.7533, 0.3463, 0.2916
Android (android.graphics.Color)	4289361808 (0xFFAA7790)
YUV	137.0990, 3.4022, 28.8542
Hunter-Lab	48.7374, 18.0226, -1.7513

Details

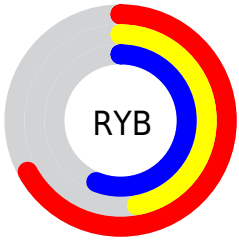
The RGB color 170, 119, 144 is a dark color, and the websafe version is hex 996699. A complement of this color would be 119, 170, 145, and the grayscale version is 137, 137, 137.

A 20% lighter version of the original color is 226, 172, 198, and 117, 70, 94 is the 20% darker color. If you saturate the color by 10%, you get 170, 102, 135, and if you desaturate by 10%, it is 170, 136, 153.

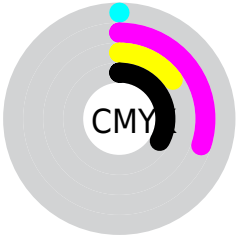
Distribution



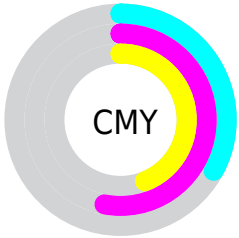
- Red (67%)
- Green (47%)
- Blue (56%)



- Red (67%)
- Yellow (47%)
- Blue (56%)



- Cyan (0%)
- Magenta (30%)
- Yellow (15%)
- Black (33%)



- Cyan (33%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 119, 144 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 170, 119, 144 by changing the saturation by 10% instead.

170, 119, 144	170, 119, 144
255, 255, 255	143, 94, 118
226, 172, 198	117, 70, 94
255, 199, 226	92, 47, 70
255, 227, 254	67, 24, 48
	44, 2, 27
	15, 0, 0
	0, 0, 0

170, 119, 144	170, 119, 144
170, 102, 135	170, 136, 153

170, 85, 127

170, 68, 118

170, 51, 109

170, 34, 101

170, 17, 92

170, 0, 83

170, 153, 161

170, 170, 170

170, 187, 179

170, 204, 187

170, 221, 196

170, 238, 205

170, 255, 213

170, 255, 222

Harmonies

Analogous

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

152, 124, 163

170, 119, 144

177, 118, 122

Triad

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

170, 119, 144

137, 136, 93

70, 143, 164

Complementary

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

170, 119, 144

119, 170, 145

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.

69, 146, 145

170, 119, 144

112, 142, 104

Square

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

170, 119, 144

157, 129, 93

88, 145, 123

93, 139, 175

Rectangle

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

170, 119, 144

174, 121, 109

88, 145, 123

67, 144, 159

Sweetspot

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

170, 119, 144

222, 202, 212

145, 119, 170

112, 100, 106

240, 240, 240

112, 112, 112

Same Dimension

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

170, 119, 144

222, 142, 181

170, 119, 119

84, 76, 80

148, 0, 73

20, 0, 10

Inverse Universe

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

170, 119, 144

222, 142, 181

119, 170, 170

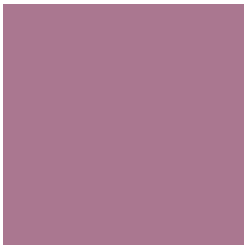
84, 76, 80

148, 0, 73

20, 0, 10

Previews

White Background

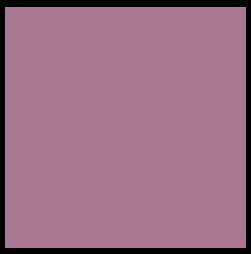


This preview shows how the RGB color 170, 119, 144 looks on a white background.

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



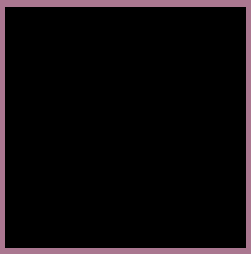
This preview shows how the RGB color 170, 119, 144 looks on a black background.

Color Contrast Check

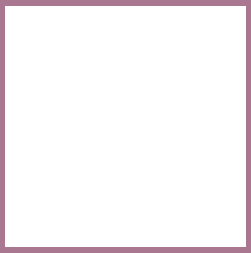
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 170, 119, 144 Background



This preview shows how black text looks on a background with the RGB color 170, 119, 144.

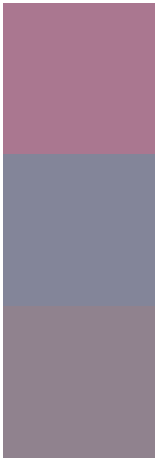


This preview shows how white text looks on a background with the RGB color 170, 119, 144.

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



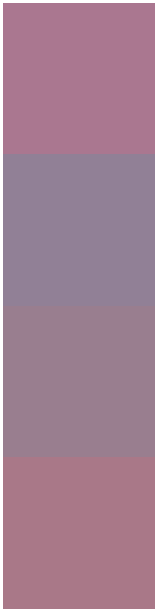
Original Color
170, 119, 144

Protanopia
131, 133, 153

Deuteranopia
144, 130, 142

Tritanopia
168, 121, 131

Trichromacy



Original Color
170, 119, 144

Protanomaly
145, 128, 150

Deuteranomaly
153, 126, 143

Tritanomaly
169, 120, 136

Monochromacy

Original Color
170, 119, 144

Achromatopsia
137, 137, 137

Achromatomaly
149, 130, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 119, 144 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(170, 119, 144) looks like.

```
.text, #text, p{
    color:rgb(170, 119, 144)
}
```

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(170, 119, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 119, 144) }
```

Border

The CSS property to change the border of an element to RGB 170, 119, 144 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(170, 119, 144) }
```

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

```
.border{ border-color:rgb(170, 119, 144) }
```

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

Here you see how a box with a 4 pixel rgb(170, 119, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 119, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 119, 144); box-shadow:4px 4px 4px 4px rgb(170, 119, 144) }
```

Background

The CSS property to change the background color of an element to RGB 170, 119, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(170, 119, 144) }
```

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

```
.background{ background-color:rgb(170,
119, 144) }
```

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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