

Converting Colors

RGB(170, 106, 111)

Have a look what the booklet for
RGB(170, 106, 111) contains.

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Color

RGB(170, 106, 111)

Conversions

Conversions Part 1

Format	Color
Hex	AA6A6F
RGB	170, 106, 111
RGB Percent	67%, 42%, 44%
CMY	0.3333, 0.5843, 0.5647
CMYK	0.00, 0.38, 0.35, 0.33
HSL	355°, 27%, 54%
HSV	355°, 38%, 67%
XYZ	24.6008, 20.0018, 17.6031
YIQ	125.7060, 36.5390, 15.1230

Conversions

Conversions Part 2

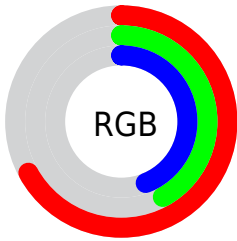
Format	Color
R_{YB}	170, 106, 111
Decimal	11168367
CIE _{Lab}	51.84, 26.23, 8.01
CIE _{LCh}	52, 27.430, 16.981
Yxy	20.0018, 0.3955, 0.3215
Android (android.graphics.Color)	4289358447 (0xFFAA6A6F)
YUV	125.7060, -7.2501, 38.8458
Hunter-Lab	44.7234, 19.9210, 7.9699

Details

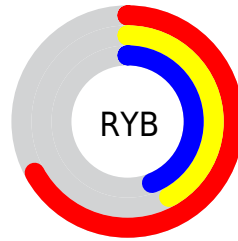
The RGB color **170, 106, 111** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **106, 170, 165**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **227, 158, 163**, and **116, 57, 63** is the 20% darker color. If you saturate the color by 10%, you get **170, 89, 95**, and if you desaturate by 10%, it is **170, 123, 127**.

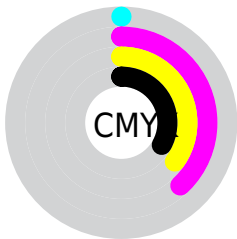
Distribution



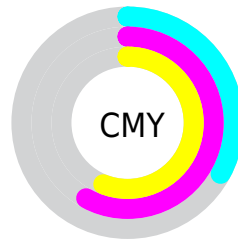
- Red (67%)
- Green (42%)
- Blue (44%)



- Red (67%)
- Yellow (42%)
- Blue (44%)



- Cyan (0%)
- Magenta (38%)
- Yellow (35%)
- Black (33%)




- Cyan (33%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 106, 111 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, 106, 111 by changing the saturation by 10% instead.

 170, 106, 111


255, 255, 255

 227, 158, 163

 255, 185, 190

 255, 213, 217

 255, 242, 246

 170, 106, 111

 142, 81, 87


 116, 57, 63

 90, 34, 42

 64, 11, 21


 43, 0, 0


 0, 0, 0


 170, 106, 111

 170, 89, 95


 170, 72, 80

 170, 106, 111


 170, 123, 127

 170, 140, 142


 170, 55, 64

 170, 157, 158

 170, 38, 48

 170, 174, 174

 170, 21, 33

 170, 191, 189

 170, 4, 17

 170, 208, 205

 170, 0, 13

 170, 225, 221

 170, 242, 236

 170, 255, 252

Harmonies

Analogous

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



163, 107, 135



170, 106, 111



164, 111, 90

Triad

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



170, 106, 111



99, 132, 91



74, 129, 169

Complementary

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



170, 106, 111



106, 170, 165

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.



42, 134, 157



170, 106, 111



71, 136, 112

Square

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



170, 106, 111



126, 126, 78



44, 136, 136



112, 121, 168

Rectangle

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



170, 106, 111



155, 116, 81



44, 136, 136



62, 131, 166

Sweetspot

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



170, 106, 111



222, 197, 199



165, 106, 170



112, 98, 99



240, 240, 240



112, 112, 112

Same Dimension

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



170, 106, 111



222, 122, 130



170, 133, 106



84, 76, 76



148, 0, 12



20, 0, 2

Inverse Universe

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



170, 106, 111



222, 122, 130



106, 143, 170



84, 76, 76



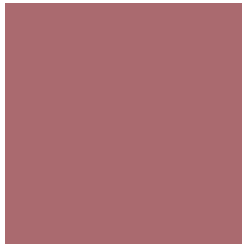
148, 0, 12



20, 0, 2

Previews

White Background



This preview shows how the RGB color 170, 106, 111 looks on a white background.

Color Contrast Check

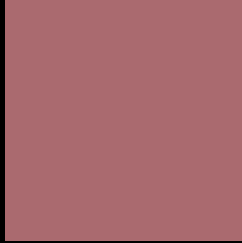
Large Text (above 18pt) WCAG AA ✓ Pass

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, 106, 111 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, 106, 111 Background



This preview shows how black text looks on a background with the RGB color 170, 106, 111.




This preview shows how white text looks on a background with the RGB color 170, 106, 111.

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
170, 106, 113

Trichromacy



Original Color

170, 106, 111

Protanomaly

143, 117, 117

Deuteranomaly

152, 114, 110

Tritanomaly

170, 106, 112

Monochromacy



Original Color

170, 106, 111

Achromatopsia

126, 126, 126

Achromatomaly

142, 119, 121

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 106, 111 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, 106, 111)` looks like.

```
.text, #text, p{  
    color:rgb(170, 106, 111)  
}
```

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, 106, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 106, 111) }
```

Border

The CSS property to change the border of an element to RGB 170, 106, 111 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, 106, 111) }
```

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

```
.border{ border-color:rgb(170, 106, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 106, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 106, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 106, 111);  
box-shadow:4px 4px 4px 4px rgb(170, 106,  
111) }
```

Background

The CSS property to change the background color of an element to RGB 170, 106, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 106, 111) }
```

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

```
.background{ background-color: rgb(170,  
106, 111) }
```

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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