

Converting Colors

RGB(170, 107, 151)

Have a look what the booklet for
RGB(170, 107, 151) contains.

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Color

RGB(170, 107, 151)

Conversions

Conversions Part 1

Format	Color
Hex	AA6B97
RGB	170, 107, 151
RGB Percent	67%, 42%, 59%
CMY	0.3333, 0.5804, 0.4078
CMYK	0.00, 0.37, 0.11, 0.33
HSL	318°, 27%, 54%
HSV	318°, 37%, 67%
XYZ	27.4212, 21.2958, 31.9434
YIQ	130.8530, 23.4240, 27.0400

Conversions

Conversions Part 2

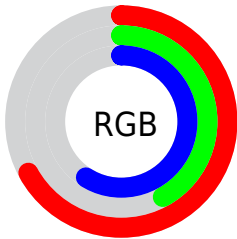
Format	Color
R_{YB}	170, 107, 151
Decimal	11168663
CIE _{Lab}	53.27, 31.80, -13.46
CIE _{LCh}	53, 34.530, 337.059
Yxy	21.2958, 0.3400, 0.2640
Android (android.graphics.Color)	4289358743 (0xFFAA6B97)
YUV	130.8530, 9.9325, 34.3319
Hunter-Lab	46.1474, 25.3083, -8.7376

Details

The RGB color **170, 107, 151** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **107, 170, 126**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **226, 159, 205**, and **116, 58, 100** is the 20% darker color. If you saturate the color by 10%, you get **170, 90, 146**, and if you desaturate by 10%, it is **170, 124, 156**.

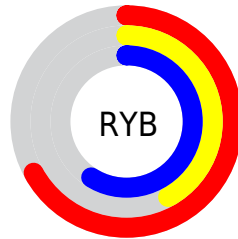
Distribution



Red (67%)

Green (42%)

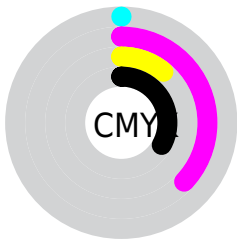
Blue (59%)



Red (67%)

Yellow (42%)

Blue (59%)

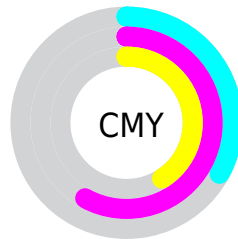


Cyan (0%)

Magenta (37%)

Yellow (11%)

Black (33%)



Cyan (33%)


Magenta (58%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 107, 151 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, 107, 151 by changing the saturation by 10% instead.

 170, 107, 151


255, 255, 255

 226, 159, 205

 255, 187, 233


 255, 215, 255

 255, 243, 255

 170, 107, 151

 143, 82, 125

 116, 58, 100

 91, 34, 76

 66, 8, 53


 44, 0, 32


 5, 0, 5


 0, 0, 0


 170, 107, 151

 170, 90, 146


 170, 107, 151


 170, 124, 156


 170, 73, 141


 170, 141, 161


 170, 56, 136

 170, 158, 166

 170, 39, 130

 170, 175, 172

 170, 22, 125

 170, 192, 177

 170, 5, 120

 170, 209, 182

 170, 0, 119

 170, 226, 187

 170, 243, 192

 170, 255, 197

Harmonies

Analogous

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



139, 117, 175



170, 107, 151



184, 103, 121

Triad

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



170, 107, 151



139, 128, 67



0, 141, 162

Complementary

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



170, 107, 151



107, 170, 126

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, 143, 134



170, 107, 151



107, 136, 79

Square

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



170, 107, 151



165, 117, 73



69, 141, 103



24, 137, 181

Rectangle

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



170, 107, 151



184, 105, 102



69, 141, 103



0, 142, 153

Sweetspot

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



170, 107, 151



222, 197, 214



126, 107, 170



112, 98, 108



240, 240, 240



112, 112, 112

Same Dimension

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



170, 107, 151



222, 124, 192



170, 107, 120



84, 76, 82



148, 0, 103



20, 0, 14

Inverse Universe

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



170, 107, 151



222, 124, 192



107, 170, 157



84, 76, 82



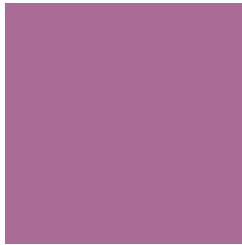
148, 0, 103



20, 0, 14

Previews

White Background



This preview shows how the RGB color 170, 107, 151 looks on a white background.

Color Contrast Check

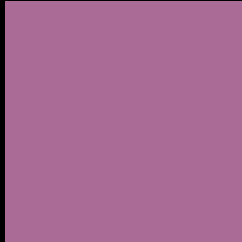
Large Text (above 18pt) WCAG AA ✓ Pass

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, 107, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

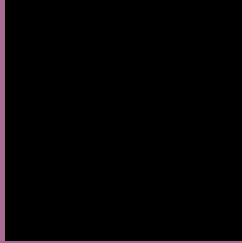
Any Text WCAG AA ✓ Pass

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, 107, 151 Background



This preview shows how black text looks on a background with the RGB color 170, 107, 151.

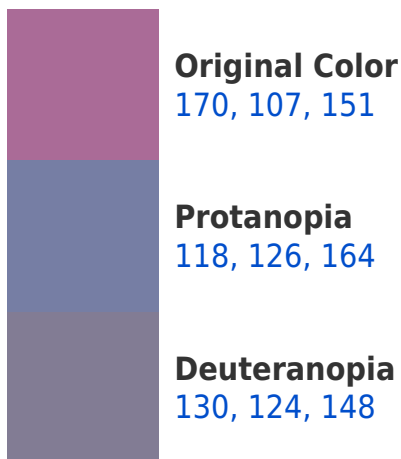



This preview shows how white text looks on a background with the RGB color 170, 107, 151.

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
166, 113, 121

Trichromacy



Original Color
170, 107, 151

Protanomaly
137, 119, 159

Deuteranomaly
145, 118, 149

Tritanomaly
167, 111, 132

Monochromacy



Original Color
170, 107, 151

Achromatopsia
131, 131, 131

Achromatomaly
145, 122, 138

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 107, 151 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, 107, 151)` looks like.

```
.text, #text, p{  
    color:rgb(170, 107, 151)  
}
```

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, 107, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 107, 151) }
```

Border

The CSS property to change the border of an element to RGB 170, 107, 151 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, 107, 151) }
```

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

```
.border{ border-color:rgb(170, 107, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 107, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 107, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 107, 151);  
box-shadow:4px 4px 4px 4px rgb(170, 107,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 170, 107, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 107, 151) }
```

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

```
.background{ background-color: rgb(170,  
107, 151) }
```

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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