

Converting Colors

RGB(171, 94, 107)

Have a look what the booklet for
RGB(171, 94, 107) contains.

RGB(171, 94, 107)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(171, 94, 107)

Conversions

Conversions Part 1

Format	Color
Hex	AB5E6B
RGB	171, 94, 107
RGB Percent	67%, 37%, 42%
CMY	0.3294, 0.6314, 0.5804
CMYK	0.00, 0.45, 0.37, 0.33
HSL	350°, 31%, 52%
HSV	350°, 45%, 67%
XYZ	23.4511, 17.7249, 16.0951
YIQ	118.5050, 41.7190, 20.3670

Conversions

Conversions Part 2

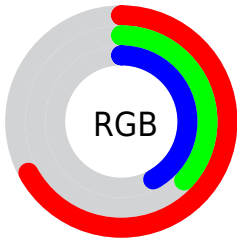
Format	Color
R_{YB}	171, 94, 107
Decimal	11230827
CIE _{Lab}	49.16, 32.74, 6.60
CIE _{LCh}	49, 33.395, 11.394
Yxy	17.7249, 0.4095, 0.3095
Android (android.graphics.Color)	4289420907 (0xFFAB5E6B)
YUV	118.5050, -5.6720, 46.0381
Hunter-Lab	42.1009, 25.7518, 6.8041

Details

The RGB color **171, 94, 107** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **94, 171, 158**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **228, 146, 158**, and **116, 45, 60** is the 20% darker color. If you saturate the color by 10%, you get **171, 77, 93**, and if you desaturate by 10%, it is **171, 111, 121**.

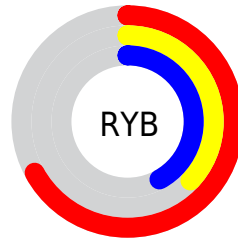
Distribution



Red (67%)

Green (37%)

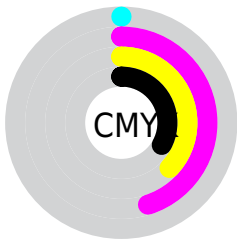
Blue (42%)



Red (67%)

Yellow (37%)

Blue (42%)

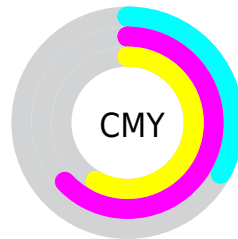


Cyan (0%)

Magenta (45%)

Yellow (37%)

Black (33%)



Cyan (33%)


Magenta (63%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 94, 107 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 171, 94, 107 by changing the saturation by 10% instead.

 171, 94, 107

 171, 94, 107

255, 255, 255

 143, 69, 83

 228, 146, 158

 116, 45, 60

 255, 173, 185

 89, 20, 38


 255, 201, 213


 63, 0, 18


 255, 229, 241


 42, 0, 1


 0, 0, 0


 171, 94, 107


 171, 94, 107


 171, 77, 93


 171, 111, 121


 171, 60, 79


 171, 128, 135


 171, 43, 64


 171, 145, 150


 171, 26, 50


 171, 162, 164

 171, 8, 36

 171, 179, 178

 171, 0, 29

 171, 197, 192

 171, 214, 206

 171, 231, 221

 171, 248, 235

Harmonies

Analogous

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



160, 96, 136



171, 94, 107



166, 99, 81

Triad

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



171, 94, 107



93, 126, 73



27, 125, 170

Complementary

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



171, 94, 107



94, 171, 158

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, 130, 153



171, 94, 107



55, 130, 98

Square

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



171, 94, 107



124, 119, 60



0, 132, 127



91, 116, 172

Rectangle

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



171, 94, 107



156, 106, 68



0, 132, 127



0, 127, 166

Sweetspot

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



171, 94, 107



222, 191, 196



157, 94, 171



112, 93, 96



240, 240, 240



112, 112, 112

Same Dimension

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



171, 94, 107



222, 102, 122



171, 118, 94



87, 78, 79



150, 0, 25



23, 0, 4

Inverse Universe

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



171, 94, 107



222, 102, 122



94, 147, 171



87, 78, 79



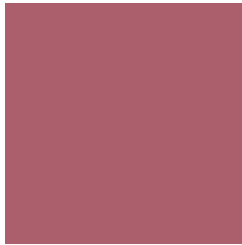
150, 0, 25



23, 0, 4

Previews

White Background



This preview shows how the RGB color 171, 94, 107 looks on a white 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

Black Background



This preview shows how the RGB color 171, 94, 107 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 171, 94, 107 Background



This preview shows how black text looks on a background with the RGB color 171, 94, 107.



This preview shows how white text looks on a background with the RGB color 171, 94, 107.

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


171, 94, 107

Protanopia

119, 117, 120

Deuteranopia

134, 113, 104



Tritanopia
171, 95, 102

Trichromacy



Original Color

171, 94, 107

Protanomaly

138, 109, 115

Deuteranomaly

147, 106, 105

Tritanomaly

171, 95, 104

Monochromacy



Original Color

171, 94, 107

Achromatopsia

119, 119, 119

Achromatomaly

138, 110, 115

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 94, 107 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(171, 94, 107)` looks like.

```
.text, #text, p{  
    color:rgb(171, 94, 107)  
}
```

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(171, 94, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 94, 107) }
```

Border

The CSS property to change the border of an element to RGB 171, 94, 107 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(171, 94, 107) }
```

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

```
.border{ border-color:rgb(171, 94, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 94, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 94, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 94, 107);  
box-shadow:4px 4px 4px 4px rgb(171, 94,  
107) }
```

Background

The CSS property to change the background color of an element to RGB 171, 94, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 94, 107) }
```

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

```
.background{ background-color: rgb(171, 94,  
107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor