

Converting Colors

RGB(117, 83, 121)

Have a look what the booklet for
RGB(117, 83, 121) contains.

RGB(117, 83, 121)	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(117, 83, 121)

Conversions

Conversions Part 1

Format	Color
Hex	755379
RGB	117, 83, 121
RGB Percent	46%, 33%, 47%
CMY	0.5412, 0.6745, 0.5255
CMYK	0.03, 0.31, 0.00, 0.53
HSL	294°, 19%, 40%
HSV	294°, 31%, 47%
XYZ	13.8806, 11.3489, 19.5481
YIQ	97.4980, 8.0660, 19.0260

Conversions

Conversions Part 2

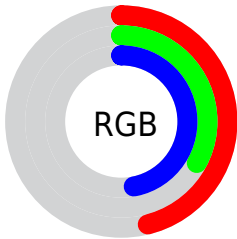
Format	Color
R_{YB}	117, 83, 121
Decimal	7689081
CIE Lab	40.16, 21.23, -16.00
CIE LCh	40, 26.580, 323.001
Yxy	11.3489, 0.3100, 0.2535
Android (android.graphics.Color)	4285879161 (0xFF755379)
YUV	97.4980, 11.5865, 17.1033
Hunter-Lab	33.6881, 14.5934, -10.8224

Details

The RGB color **117, 83, 121** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **87, 121, 83**, and the grayscale version is **97, 97, 97**.

A 20% lighter version of the original color is **170, 133, 173**, and **68, 37, 72** is the 20% darker color. If you saturate the color by 10%, you get **116, 71, 121**, and if you desaturate by 10%, it is **118, 95, 121**.

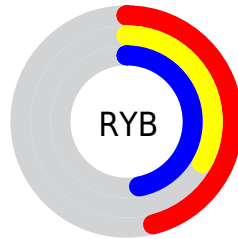
Distribution



Red (46%)

Green (33%)

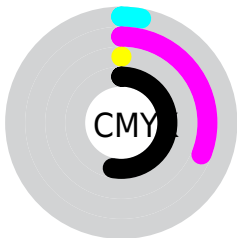
Blue (47%)



Red (46%)

Yellow (33%)

Blue (47%)

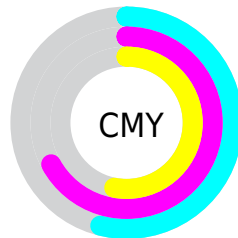


Cyan (3%)

Magenta (31%)

Yellow (0%)

Black (53%)



Cyan (54%)

Magenta (67%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 83, 121 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 117, 83, 121 by changing the saturation by 10% instead.



117, 83, 121



117, 83, 121

255, 255, 255



92, 60, 96



170, 133, 173



68, 37, 72



197, 159, 201



45, 16, 50



225, 186, 229



28, 0, 29



254, 214, 255



0, 0, 0



255, 243, 255



117, 83, 121



117, 83, 121



116, 71, 121



118, 95, 121



114, 59, 121



120, 107, 121

■ 113, 47, 121

■ 121, 119, 121

■ 112, 35, 121

■ 122, 131, 121

■ 111, 22, 121

■ 123, 144, 121

■ 109, 10, 121

■ 125, 156, 121

■ 108, 0, 121

■ 126, 168, 121

■ 127, 180, 121

■ 128, 192, 121

Harmonies

Analogous

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



89, 91, 135



117, 83, 121



133, 78, 101

Triad

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



117, 83, 121



113, 92, 51



0, 106, 111

Complementary

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



117, 83, 121



87, 121, 83

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.



35, 106, 89



117, 83, 121



92, 98, 54

Square

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



117, 83, 121



129, 84, 61



66, 103, 68



0, 104, 129

Rectangle

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



117, 83, 121



137, 78, 86



66, 103, 68



2, 106, 104

Sweetspot

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



117, 83, 121



157, 144, 158



83, 87, 121



78, 70, 79



207, 207, 207



79, 79, 79

Same Dimension

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



117, 83, 121



152, 98, 158



121, 83, 106



61, 55, 61



112, 0, 125



226, 0, 252

Inverse Universe

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



121, 83, 87



158, 98, 104



83, 121, 98



61, 55, 56



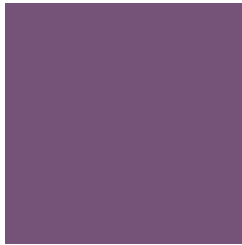
125, 0, 13



252, 0, 27

Previews

White Background



This preview shows how the RGB color 117, 83, 121 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 117, 83, 121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

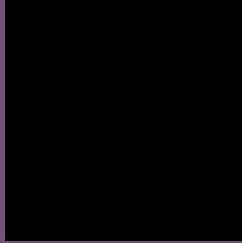
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 117, 83, 121 Background



This preview shows how black text looks on a background with the RGB color 117, 83, 121.



This preview shows how white text looks on a background with the RGB color 117, 83, 121.

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

117, 83, 121

Protanopia

85, 94, 129

Deuteranopia

92, 93, 119



Tritanopia
113, 88, 95

Trichromacy



Original Color

117, 83, 121

Protanomaly

97, 90, 126

Deuteranomaly

101, 89, 120

Tritanomaly

114, 86, 104

Monochromacy



Original Color

117, 83, 121

Achromatopsia

97, 97, 97

Achromatomaly

104, 92, 106

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 83, 121 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(117, 83, 121)` looks like.

```
.text, #text, p{  
    color:rgb(117, 83, 121)  
}
```

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(117, 83, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 83, 121) }
```

Border

The CSS property to change the border of an element to RGB 117, 83, 121 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(117, 83, 121) }
```

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

```
.border{ border-color:rgb(117, 83, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 83, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 83, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 83, 121);  
box-shadow:4px 4px 4px 4px rgb(117, 83,  
121) }
```

Background

The CSS property to change the background color of an element to RGB 117, 83, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 83, 121) }
```

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

```
.background{ background-color: rgb(117, 83,  
121) }
```

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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