

Converting Colors

RGB(117, 77, 149)

Have a look what the booklet for
RGB(117, 77, 149) contains.

RGB(117, 77, 149)	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, 77, 149)

Conversions

Conversions Part 1

Format	Color
Hex	754D95
RGB	117, 77, 149
RGB Percent	46%, 30%, 58%
CMY	0.5412, 0.6980, 0.4157
CMYK	0.21, 0.48, 0.00, 0.42
HSL	273°, 32%, 44%
HSV	273°, 48%, 58%
XYZ	15.4148, 11.2596, 29.7946
YIQ	97.1680, 0.7280, 30.8720

Conversions

Conversions Part 2

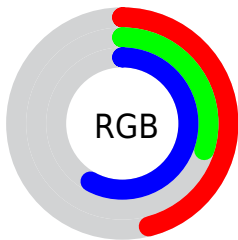
Format	Color
R _Y B	117, 77, 149
Decimal	7687573
CIE Lab	40.01, 31.23, -33.27
CIE LCh	40, 45.629, 313.189
Yxy	11.2596, 0.2730, 0.1994
Android (android.graphics.Color)	4285877653 (0xFF754D95)
YUV	97.1680, 25.5532, 17.3927
Hunter-Lab	33.5553, 23.2785, -29.1564

Details

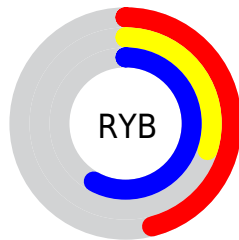
The RGB color **117, 77, 149** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **109, 149, 77**, and the grayscale version is **97, 97, 97**.

A 20% lighter version of the original color is **171, 127, 204**, and **66, 30, 98** is the 20% darker color. If you saturate the color by 10%, you get **110, 62, 149**, and if you desaturate by 10%, it is **124, 92, 149**.

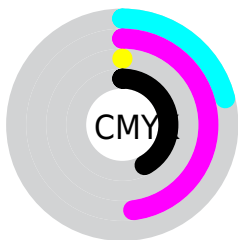
Distribution



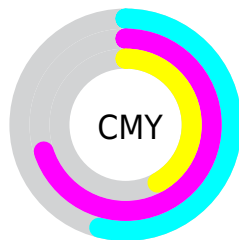
- Red (46%)
- Green (30%)
- Blue (58%)



- Red (46%)
- Yellow (30%)
- Blue (58%)



- Cyan (21%)
- Magenta (48%)
- Yellow (0%)
- Black (42%)



- Cyan (54%)
- Magenta (70%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 77, 149 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, 77, 149 by changing the saturation by 10% instead.



117, 77, 149



117, 77, 149

255, 255, 255



91, 53, 123



171, 127, 204



66, 30, 98



198, 153, 232



42, 7, 73



227, 180, 255



24, 0, 51



255, 208, 255



0, 2, 29



255, 237, 255



0, 0, 0



117, 77, 149



117, 77, 149



110, 62, 149



124, 92, 149



104, 47, 149



130, 107, 149

97, 32, 149

137, 122, 149

91, 17, 149

143, 137, 149

84, 2, 149

150, 152, 149

83, 0, 149

157, 166, 149

163, 181, 149

170, 196, 149

177, 211, 149

Harmonies

Analogous

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



49, 93, 167



117, 77, 149



151, 62, 117

Triad

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



117, 77, 149



130, 85, 16



0, 112, 110

Complementary

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



117, 77, 149



109, 149, 77

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, 111, 71



117, 77, 149



98, 98, 9

Square

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



117, 77, 149



153, 69, 45



55, 106, 36



0, 110, 145

Rectangle

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



117, 77, 149



160, 58, 92



55, 106, 36



0, 112, 97

Sweetspot

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



117, 77, 149



182, 167, 194



77, 109, 149



90, 80, 97



224, 224, 224



97, 97, 97

Same Dimension

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



117, 77, 149



144, 81, 194



149, 77, 145



71, 67, 74



76, 0, 138



6, 0, 10

Inverse Universe

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



149, 77, 109



194, 81, 131



77, 149, 81



74, 67, 70



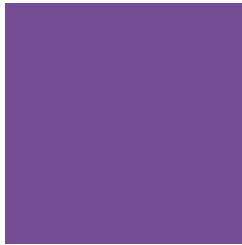
138, 0, 61



10, 0, 5

Previews

White Background



This preview shows how the RGB color 117, 77, 149 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, 77, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

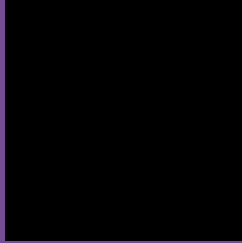
Any Text WCAG AA × Fail

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, 77, 149 Background



This preview shows how black text looks on a background with the RGB color 117, 77, 149.



This preview shows how white text looks on a background with the RGB color 117, 77, 149.

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, 77, 149

Protanopia
63, 92, 163

Deuteranopia
69, 94, 146



Tritanopia
108, 89, 96

Trichromacy



Original Color
117, 77, 149

Protanomaly
83, 87, 158

Deuteranomaly
86, 88, 147

Tritanomaly
111, 85, 115

Monochromacy



Original Color
117, 77, 149

Achromatopsia
97, 97, 97

Achromatomaly
104, 90, 116

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 77, 149 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, 77, 149)` looks like.

```
.text, #text, p{  
    color:rgb(117, 77, 149)  
}
```

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, 77, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 77, 149) }
```

Border

The CSS property to change the border of an element to RGB 117, 77, 149 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, 77, 149) }
```

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

```
.border{ border-color:rgb(117, 77, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 77, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 77, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 77, 149);  
box-shadow:4px 4px 4px 4px rgb(117, 77,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 117, 77, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 77, 149) }
```

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

```
.background{ background-color: rgb(117, 77,  
149) }
```

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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