

Converting Colors

RGB(153, 117, 148)

Have a look what the booklet for
RGB(153, 117, 148) contains.

RGB(153, 117, 148)	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(153, 117, 148)

Conversions

Conversions Part 1

Format	Color
Hex	997594
RGB	153, 117, 148
RGB Percent	60%, 46%, 58%
CMY	0.4000, 0.5412, 0.4196
CMYK	0.00, 0.24, 0.03, 0.40
HSL	308°, 15%, 53%
HSV	308°, 24%, 60%
XYZ	24.8435, 21.6330, 30.8832
YIQ	131.2980, 11.5050, 17.2730

Conversions

Conversions Part 2

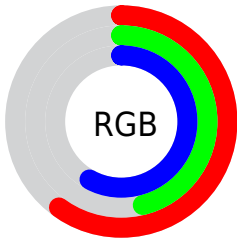
Format	Color
R_{YB}	153, 117, 148
Decimal	10057108
CIE _{Lab}	53.64, 19.54, -11.35
CIE _{LCh}	54, 22.592, 329.855
Yxy	21.6330, 0.3211, 0.2796
Android (android.graphics.Color)	4288247188 (0xFF997594)
YUV	131.2980, 8.2341, 19.0327
Hunter-Lab	46.5113, 13.9489, -6.8102

Details

The RGB color **153, 117, 148** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **117, 153, 122**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **208, 169, 202**, and **101, 68, 97** is the 20% darker color. If you saturate the color by 10%, you get **153, 102, 146**, and if you desaturate by 10%, it is **153, 132, 150**.

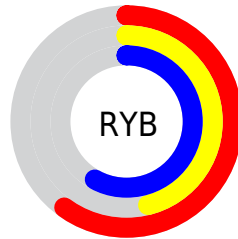
Distribution



Red (60%)

Green (46%)

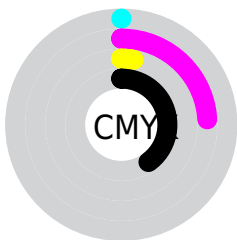
Blue (58%)



Red (60%)

Yellow (46%)

Blue (58%)

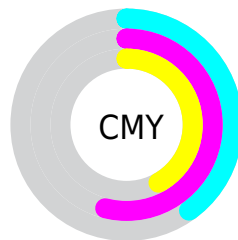


Cyan (0%)

Magenta (24%)

Yellow (3%)

Black (40%)



Cyan (40%)

Magenta (54%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the RGB color 153, 117, 148 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 153, 117, 148 by changing the saturation by 10% instead.

 153, 117, 148

255, 255, 255

 208, 169, 202


 236, 197, 230

 255, 225, 255

 255, 253, 255

 153, 117, 148

 127, 92, 122

 101, 68, 97

 77, 46, 74

 54, 24, 51

 33, 0, 30

 0, 0, 1

 0, 0, 0

 153, 117, 148


 153, 102, 146


 153, 117, 148


 153, 132, 150

 153, 86, 144


 153, 148, 152

 153, 71, 142


 153, 163, 154

 153, 56, 140


 153, 178, 156

 153, 40, 137

 153, 194, 159

 153, 25, 135

 153, 209, 161

 153, 10, 133

 153, 224, 163

 153, 0, 132

 153, 239, 165

 153, 255, 167

Harmonies

Analogous

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



131, 123, 162



153, 117, 148



165, 114, 129

Triad

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



153, 117, 148



142, 127, 89



68, 138, 147

Complementary

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



153, 117, 148



117, 153, 122

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.



78, 139, 127



153, 117, 148



121, 133, 94

Square

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



153, 117, 148



158, 120, 95



99, 137, 108



78, 135, 161

Rectangle

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



153, 117, 148



168, 114, 116



99, 137, 108



70, 139, 141

Sweetspot

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



153, 117, 148



199, 185, 197



122, 117, 153



99, 91, 98



227, 227, 227



99, 99, 99

Same Dimension

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



153, 117, 148



199, 143, 191



153, 117, 130



77, 69, 75



140, 0, 121



13, 0, 11

Inverse Universe

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



153, 117, 148



199, 143, 191



117, 153, 140



77, 69, 75



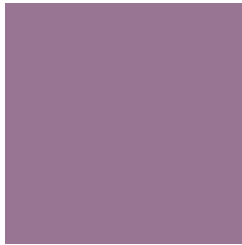
140, 0, 121



13, 0, 11

Previews

White Background



This preview shows how the RGB color 153, 117, 148 looks on a white background.

Color Contrast Check

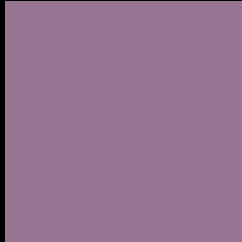
Large Text (above 18pt) WCAG AA ✓ Pass

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 153, 117, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

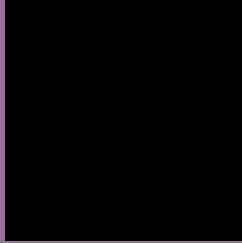
Any Text WCAG AA ✓ Pass

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 153, 117, 148 Background



This preview shows how black text looks on a background with the RGB color 153, 117, 148.



This preview shows how white text looks on a background with the RGB color 153, 117, 148.

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
153, 117, 148

Protanopia
122, 127, 155

Deuteranopia
132, 125, 146



Tritanopia
151, 120, 130

Trichromacy



Original Color

153, 117, 148

Protanomaly

133, 123, 152

Deuteranomaly

140, 122, 147

Tritanomaly

152, 119, 137

Monochromacy



Original Color

153, 117, 148

Achromatopsia

131, 131, 131

Achromatomaly

139, 126, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 117, 148 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(153, 117, 148)` looks like.

```
.text, #text, p{  
    color:rgb(153, 117, 148)  
}
```

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(153, 117, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 117, 148) }
```

Border

The CSS property to change the border of an element to RGB 153, 117, 148 is called "border". The border property can be set on classes, ids or directly on the HTML element.

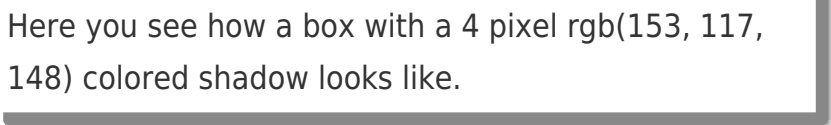
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 117, 148) }
```

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

```
.border{ border-color:rgb(153, 117, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 117, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 117, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 117, 148); box-shadow:4px 4px 4px 4px rgb(153, 117, 148) }
```

Background

The CSS property to change the background color of an element to RGB 153, 117, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 117, 148) }
```

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

```
.background{ background-color: rgb(153,  
117, 148) }
```

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