

Converting Colors

RGB(153, 80, 109)

Have a look what the booklet for
RGB(153, 80, 109) contains.

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Color

RGB(153, 80, 109)

Conversions

Conversions Part 1

Format	Color
Hex	99506D
RGB	153, 80, 109
RGB Percent	60%, 31%, 43%
CMY	0.4000, 0.6863, 0.5725
CMYK	0.00, 0.48, 0.29, 0.40
HSL	336°, 31%, 46%
HSV	336°, 48%, 60%
XYZ	18.7658, 13.6138, 16.1066
YIQ	105.1330, 34.1990, 24.4950

Conversions

Conversions Part 2

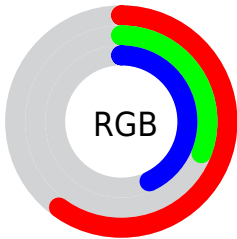
Format	Color
R_{YB}	153, 80, 109
Decimal	10047597
CIE Lab	43.67, 33.93, -2.89
CIE LCh	44, 34.055, 355.135
Yxy	13.6138, 0.3870, 0.2808
Android (android.graphics.Color)	4288237677 (0xFF99506D)
YUV	105.1330, 1.9064, 41.9794
Hunter-Lab	36.8968, 26.2163, -0.0542

Details

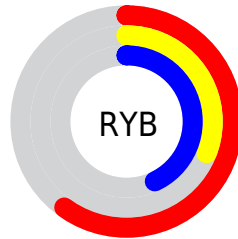
The RGB color **153, 80, 109** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **80, 153, 124**, and the grayscale version is **105, 105, 105**.

A 20% lighter version of the original color is **209, 131, 160**, and **99, 31, 62** is the 20% darker color. If you saturate the color by 10%, you get **153, 65, 100**, and if you desaturate by 10%, it is **153, 95, 118**.

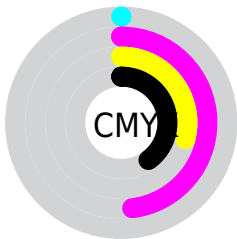
Distribution



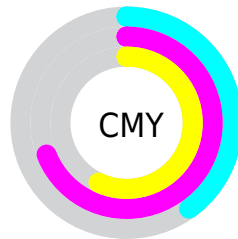
- Red (60%)
- Green (31%)
- Blue (43%)



- Red (60%)
- Yellow (31%)
- Blue (43%)



- Cyan (0%)
- Magenta (48%)
- Yellow (29%)
- Black (40%)



- Cyan (40%)
- Magenta (69%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 80, 109 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, 80, 109 by changing the saturation by 10% instead.



153, 80, 109



153, 80, 109

255, 255, 255



126, 55, 85



209, 131, 160



99, 31, 62



238, 158, 187



74, 4, 40



255, 185, 215



50, 0, 19



255, 213, 244



16, 0, 0



255, 242, 255



0, 0, 0



153, 80, 109



153, 80, 109



153, 65, 100



153, 95, 118



153, 49, 91



153, 111, 127

■ 153, 34, 81

■ 153, 126, 137

■ 153, 19, 72

■ 153, 141, 146

■ 153, 4, 63

■ 153, 157, 155

■ 153, 0, 61

■ 153, 172, 164

■ 153, 187, 174

■ 153, 202, 183

■ 153, 218, 192

Harmonies

Analogous

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



134, 87, 136



153, 80, 109



156, 81, 81

Triad

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



153, 80, 109



96, 109, 50



0, 114, 149

Complementary

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



153, 80, 109



80, 153, 124

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, 117, 126



153, 80, 109



62, 115, 70

Square

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



153, 80, 109



124, 100, 46



0, 117, 97



41, 108, 159

Rectangle

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



153, 80, 109



150, 87, 64



0, 117, 97



0, 116, 142

Sweetspot

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



153, 80, 109



199, 171, 182



124, 80, 153



99, 83, 89



227, 227, 227



99, 99, 99

Same Dimension

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



153, 80, 109



199, 86, 131



153, 87, 80



77, 69, 72



140, 0, 56



13, 0, 5

Inverse Universe

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



153, 80, 109



199, 86, 131



80, 146, 153



77, 69, 72



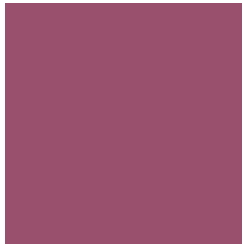
140, 0, 56



13, 0, 5

Previews

White Background



This preview shows how the RGB color 153, 80, 109 looks on a white background.

Color Contrast Check

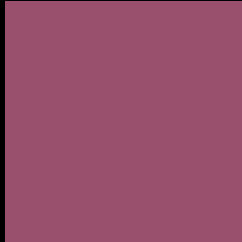
Large Text (above 18pt) WCAG AA ✓ Pass

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 153, 80, 109 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 153, 80, 109 Background



This preview shows how black text looks on a background with the RGB color 153, 80, 109.



This preview shows how white text looks on a background with the RGB color 153, 80, 109.

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, 80, 109

Protanopia
100, 103, 123

Deuteranopia
113, 100, 106



Tritanopia
151, 84, 90

Trichromacy



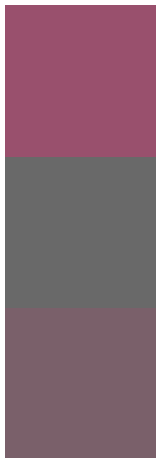
Original Color
153, 80, 109

Protanomaly
119, 95, 118

Deuteranomaly
128, 93, 107

Tritanomaly
152, 83, 97

Monochromacy



Original Color
153, 80, 109

Achromatopsia
105, 105, 105

Achromatomaly
122, 96, 106

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 80, 109 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, 80, 109) looks like.

```
.text, #text, p{  
    color:rgb(153, 80, 109)  
}
```

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, 80, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 80, 109) }
```

Border

The CSS property to change the border of an element to RGB 153, 80, 109 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, 80, 109) }
```

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

```
.border{ border-color:rgb(153, 80, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 80, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 80, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 80, 109);  
box-shadow:4px 4px 4px 4px rgb(153, 80,  
109) }
```

Background

The CSS property to change the background color of an element to RGB 153, 80, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 80, 109) }
```

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

```
.background{ background-color: rgb(153, 80,  
109) }
```

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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