

Converting Colors

RGB(153, 120, 117)

Have a look what the booklet for
RGB(153, 120, 117) contains.

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Color

RGB(153, 120, 117)

Conversions

Conversions Part 1

Format	Color
Hex	997875
RGB	153, 120, 117
RGB Percent	60%, 47%, 46%
CMY	0.4000, 0.5294, 0.5412
CMYK	0.00, 0.22, 0.24, 0.40
HSL	5°, 15%, 53%
HSV	5°, 24%, 60%
XYZ	23.0642, 21.4896, 19.7619
YIQ	129.5250, 20.6310, 6.0630

Conversions

Conversions Part 2

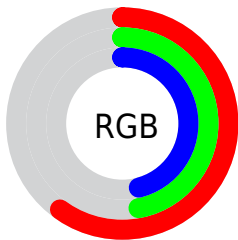
Format	Color
R_{YB}	153, 120, 117
Decimal	10057845
CIE _{Lab}	53.48, 12.38, 6.56
CIE _{LCh}	53, 14.010, 27.915
Yxy	21.4896, 0.3586, 0.3341
Android (android.graphics.Color)	4288247925 (0xFF997875)
YUV	129.5250, -6.1748, 20.5876
Hunter-Lab	46.3569, 7.6857, 7.1745

Details

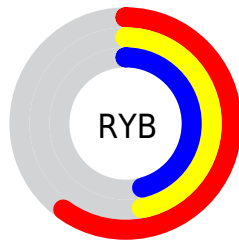
The RGB color **153, 120, 117** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **117, 150, 153**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **208, 172, 169**, and **101, 71, 69** is the 20% darker color. If you saturate the color by 10%, you get **153, 106, 102**, and if you desaturate by 10%, it is **153, 134, 132**.

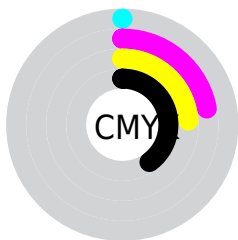
Distribution



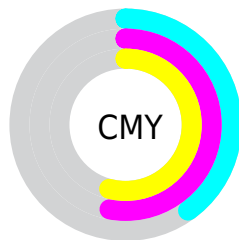
- Red (60%)
- Green (47%)
- Blue (46%)



- Red (60%)
- Yellow (47%)
- Blue (46%)



- Cyan (0%)
- Magenta (22%)
- Yellow (24%)
- Black (40%)



- Cyan (40%)
- Magenta (53%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 120, 117 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, 120, 117 by changing the saturation by 10% instead.

 153, 120, 117

255, 255, 255

 208, 172, 169

 236, 200, 196

 255, 228, 224

255, 255, 253


 153, 120, 117

 153, 106, 102

 153, 92, 86

 153, 120, 117

 127, 95, 92

 101, 71, 69


 77, 49, 47


 53, 28, 26

 34, 2, 0

 0, 0, 0

 153, 120, 117


 153, 134, 132

 153, 148, 148


 153, 78, 71

 153, 162, 163

 153, 64, 56

 153, 176, 178

 153, 50, 40

 153, 190, 194

 153, 36, 25

 153, 204, 209

 153, 22, 10

 153, 218, 224

 153, 13, 0

 153, 232, 239

 153, 246, 255

Harmonies

Analogous

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



151, 119, 129



153, 120, 117



148, 123, 108

Triad

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



153, 120, 117



111, 133, 115



113, 129, 152

Complementary

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



153, 120, 117



117, 150, 153

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.



100, 132, 148



153, 120, 117



100, 135, 126

Square

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



153, 120, 117



125, 130, 106



96, 134, 139



129, 125, 149

Rectangle

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



153, 120, 117



142, 125, 104



96, 134, 139



108, 130, 151

Sweetspot

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



153, 120, 117



199, 186, 185



153, 117, 150



99, 92, 91



227, 227, 227



99, 99, 99

Same Dimension

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



153, 120, 117



199, 148, 143



153, 138, 117



77, 69, 69



140, 12, 0



13, 1, 0

Inverse Universe

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



117, 150, 153



143, 194, 199



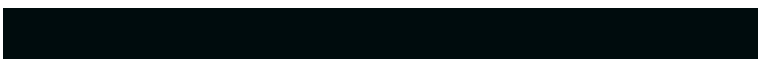
117, 132, 153



69, 76, 77



0, 129, 140



0, 12, 13

Previews

White Background



This preview shows how the RGB color 153, 120, 117 looks on a white background.

Color Contrast Check

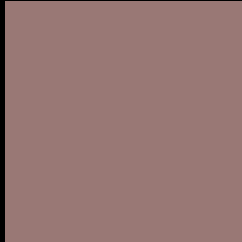
Large Text (above 18pt) WCAG AA ✓ Pass

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, 120, 117 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, 120, 117 Background



This preview shows how black text looks on a background with the RGB color 153, 120, 117.



This preview shows how white text looks on a background with the RGB color 153, 120, 117.

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, 120, 117

Protanopia
132, 127, 121

Deuteranopia
145, 123, 116



Tritanopia
154, 118, 128

Trichromacy



Original Color

153, 120, 117

Protanomaly

140, 124, 120

Deuteranomaly

148, 122, 116

Tritanomaly

154, 119, 124

Monochromacy



Original Color

153, 120, 117

Achromatopsia

130, 130, 130

Achromatomaly

138, 126, 125

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 120, 117 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, 120, 117)` looks like.

```
.text, #text, p{  
    color:rgb(153, 120, 117)  
}
```

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, 120, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 120, 117) }
```

Border

The CSS property to change the border of an element to RGB 153, 120, 117 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, 120, 117) }
```

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

```
.border{ border-color:rgb(153, 120, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 120, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 120, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 120, 117);  
box-shadow:4px 4px 4px 4px rgb(153, 120,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 153, 120, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 120, 117) }
```

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

```
.background{ background-color: rgb(153,  
120, 117) }
```

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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