

Converting Colors

RGB(155, 117, 164)

Have a look what the booklet for
RGB(155, 117, 164) contains.

RGB(155, 117, 164)	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(155, 117, 164)

Conversions

Conversions Part 1

Format	Color
Hex	9B75A4
RGB	155, 117, 164
RGB Percent	61%, 46%, 64%
CMY	0.3922, 0.5412, 0.3569
CMYK	0.05, 0.29, 0.00, 0.36
HSL	289°, 21%, 55%
HSV	289°, 29%, 64%
XYZ	26.5797, 22.3715, 38.0392
YIQ	133.7200, 7.5610, 22.6730

Conversions

Conversions Part 2

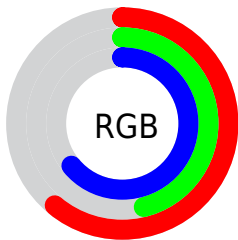
Format	Color
R_{YB}	155, 117, 164
Decimal	10188196
CIE _{Lab}	54.42, 23.44, -19.45
CIE _{LCh}	54, 30.457, 320.317
Yxy	22.3715, 0.3055, 0.2572
Android (android.graphics.Color)	4288378276 (0xFF9B75A4)
YUV	133.7200, 14.9280, 18.6626
Hunter-Lab	47.2985, 17.5369, -14.5742

Details

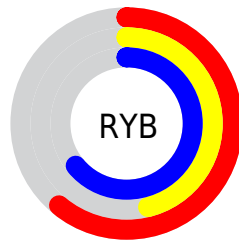
The RGB color `155, 117, 164` is a dark color, and the websafe version is hex `996699`. A complement of this color would be `126, 164, 117`, and the grayscale version is `134, 134, 134`.

A 20% lighter version of the original color is `210, 169, 219`, and `103, 68, 112` is the 20% darker color. If you saturate the color by 10%, you get `152, 101, 164`, and if you desaturate by 10%, it is `158, 133, 164`.

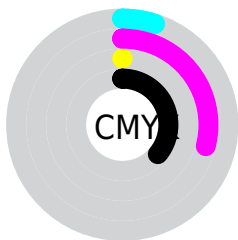
Distribution



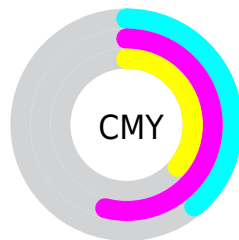
- Red (61%)
- Green (46%)
- Blue (64%)



- Red (61%)
- Yellow (46%)
- Blue (64%)



- Cyan (5%)
- Magenta (29%)
- Yellow (0%)
- Black (36%)



- Cyan (39%)
- Magenta (54%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the RGB color 155, 117, 164 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 155, 117, 164 by changing the saturation by 10% instead.

 155, 117, 164

255, 255, 255

 210, 169, 219

 238, 197, 248

 255, 225, 255

255, 254, 255

 155, 117, 164


 152, 101, 164

 155, 117, 164

 129, 92, 138

 103, 68, 112

 79, 45, 88

 55, 23, 64

 33, 0, 42


 0, 1, 21


 0, 0, 0

 155, 117, 164

 158, 133, 164

 149, 84, 164

 161, 150, 164


 146, 68, 164


 164, 166, 164

 142, 51, 164

 168, 183, 164

 139, 35, 164

 171, 199, 164

 136, 19, 164

 174, 215, 164

 133, 2, 164

 177, 232, 164

 133, 0, 164

 180, 248, 164

 183, 255, 164

Harmonies

Analogous

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



121, 126, 179



155, 117, 164



176, 111, 140

Triad

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



155, 117, 164



155, 126, 78



29, 144, 147

Complementary

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



155, 117, 164



126, 164, 117

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.



65, 144, 120



155, 117, 164



129, 134, 80

Square

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



155, 117, 164



174, 117, 91



99, 140, 96



32, 141, 170

Rectangle

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



155, 117, 164



181, 110, 122



99, 140, 96



41, 144, 139

Sweetspot

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



155, 117, 164



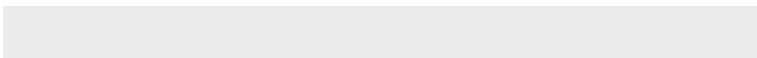
211, 195, 214



117, 126, 164



105, 95, 107



235, 235, 235



107, 107, 107

Same Dimension

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



155, 117, 164



200, 141, 214



164, 117, 150



80, 73, 82



118, 0, 145



14, 0, 18

Inverse Universe

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



164, 117, 126



214, 141, 155



117, 164, 131



82, 73, 75



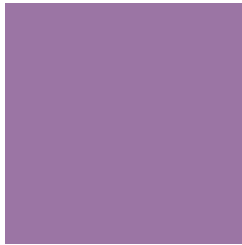
145, 0, 28



18, 0, 3

Previews

White Background



This preview shows how the RGB color 155, 117, 164 looks on a white background.

Color Contrast Check

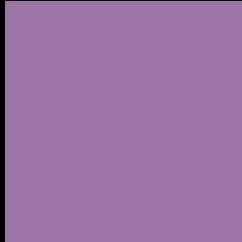
Large Text (above 18pt) WCAG AA ✓ Pass

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 155, 117, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

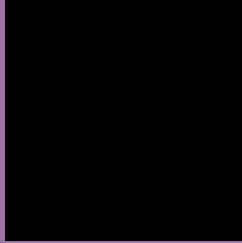
Any Text WCAG AA ✓ Pass

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 155, 117, 164 Background



This preview shows how black text looks on a background with the RGB color 155, 117, 164.



This preview shows how white text looks on a background with the RGB color 155, 117, 164.

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
[155](#), [117](#), [164](#)

Protanopia
[118](#), [129](#), [173](#)

Deuteranopia
[127](#), [128](#), [162](#)



Tritanopia
150, 123, 133

Trichromacy



Original Color
155, 117, 164

Protanomaly
131, 125, 170

Deuteranomaly
137, 124, 163

Tritanomaly
152, 121, 144

Monochromacy



Original Color
155, 117, 164

Achromatopsia
134, 134, 134

Achromatomaly
142, 128, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 155, 117, 164 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(155, 117, 164)` looks like.

```
.text, #text, p{  
    color:rgb(155, 117, 164)  
}
```

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(155, 117, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 117, 164) }
```

Border

The CSS property to change the border of an element to RGB 155, 117, 164 is called "border". The border property can be set on classes, ids or directly on the HTML element.

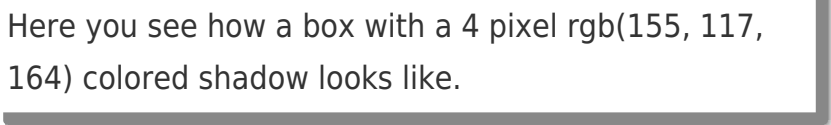
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 117, 164) }
```

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

```
.border{ border-color:rgb(155, 117, 164) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 117, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 117, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 117, 164); box-shadow:4px 4px 4px 4px rgb(155, 117, 164) }
```

Background

The CSS property to change the background color of an element to RGB 155, 117, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 117, 164) }
```

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

```
.background{ background-color: rgb(155,  
117, 164) }
```

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