

Converting Colors

XYZ(15.9407, 13.8337, 16.1312)

Have a look what the booklet for
XYZ(15.9407, 13.8337, 16.1312)
contains.

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Color

**XYZ(15.9154, 13.8339,
16.0187)**

Conversions

Conversions Part 1

Format	Color
Hex	825E6C
RGB	130, 94, 108
RGB Percent	51%, 37%, 42%
CMY	0.4902, 0.6314, 0.5765
CMYK	0.00, 0.28, 0.17, 0.49
HSL	337°, 16%, 44%
HSV	337°, 28%, 51%
XYZ	15.9154, 13.8339, 16.0187
YIQ	106.3600, 16.9620, 11.9860

Conversions

Conversions Part 2

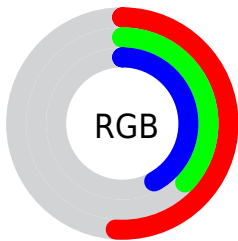
Format	Color
R_{YB}	130, 94, 108
Decimal	8543852
CIE _{Lab}	43.99, 17.00, -2.14
CIE _{LCh}	44, 17.131, 352.812
Yxy	13.8339, 0.3477, 0.3023
Android (android.graphics.Color)	4286733932 (0xFF825E6C)
YUV	106.3600, 0.8085, 20.7323
Hunter-Lab	37.1940, 11.2913, 0.5007

Details

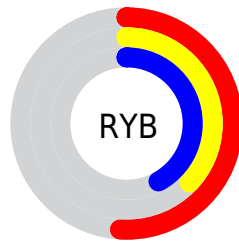
The XYZ color **15.9154, 13.8339, 16.0187** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.7517, 19.6063, 19.4781**, and the grayscale version is **13.7933, 14.5116, 15.8031**.

A 20% lighter version of the original color is **35.9118, 32.8213, 37.2433**, and **5.1671, 4.0754, 4.9292** is the 20% darker color. If you saturate the color by 10%, you get **14.4516, 11.5523, 13.5388**, and if you desaturate by 10%, it is **17.6133, 16.5216, 18.7671**.

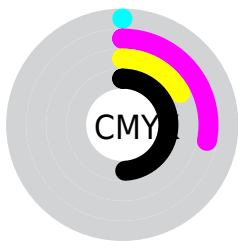
Distribution



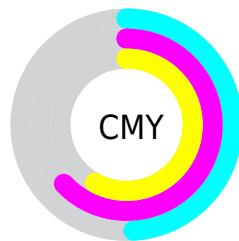
- Red (51%)
- Green (37%)
- Blue (42%)



- Red (51%)
- Yellow (37%)
- Blue (42%)



- Cyan (0%)
- Magenta (28%)
- Yellow (17%)
- Black (49%)



- Cyan (49%)
- Magenta (63%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9154, 13.8339, 16.0187 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 XYZ color 15.9154, 13.8339, 16.0187 by changing the saturation by 10% instead.

■ 15.9154, 13.8339,
16.0187

■ 15.9154, 13.8339,
16.0187

222.1222,
216.1951, 241.3015

■ 9.5548, 8.0052,
9.3829

■ 36.0099, 32.7940,
37.3979

■ 5.1648, 4.0983,
4.8915

■ 50.4745, 46.6943,
52.9784

■ 2.3800, 1.7287,
2.1261

■ 68.3711, 64.0538,
72.3775

■ 0.8351, 0.4421,
0.6313

■ 90.0651, 85.2571,
96.0138

■ 0.0000, 0.0000,
0.0000

115.9219,
110.6884, 124.3058

146.3068,

140.7323, 157.6721

181.5851,
175.7730, 196.5311

■ 15.9154, 13.8339,
16.0187

■ 15.9154, 13.8339,
16.0187

■ 14.4516, 11.5523,
13.5388

■ 17.6133, 16.5216,
18.7671

■ 13.2099, 9.6551,
11.3179

■ 19.5540, 19.6320,
21.7913

■ 12.1791, 8.1212,
9.3472

■ 21.7476, 23.1832,
25.0995

■ 11.3463, 6.9269,
7.6167

■ 24.2029, 27.1916,
28.6991

■ 10.6973, 6.0455,
6.1161

■ 26.9283, 31.6727,
32.5975

■ 10.2157, 5.4463,
4.8337

■ 29.9321, 36.6414,
36.8014

■ 9.8672, 5.0625,
3.7516

■ 33.2219, 42.1117,
41.3177

■ 9.7937, 4.9809,
3.5255

■ 36.8052, 48.0974,
46.1528

■ 40.6891, 54.6114,
51.3131

Harmonies

Analogous

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



15.3422, 13.8339, 20.0541



15.9154, 13.8339, 16.0187



15.7075, 13.8339, 12.3436

Triad

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



15.9154, 13.8339, 16.0187



12.1614, 13.8339, 9.1639



11.6317, 13.8339, 21.8459

Complementary

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



15.9154, 13.8339, 16.0187



15.7517, 19.6063, 19.4781

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.



10.8841, 13.8339, 18.1546



15.9154, 13.8339, 16.0187



11.1749, 13.8339, 10.9771

Square

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



15.9154, 13.8339, 16.0187



13.4784, 13.8339, 8.7910



10.7228, 13.8339, 14.1456



12.8244, 13.8339, 23.7745

Rectangle

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



15.9154, 13.8339, 16.0187



15.1603, 13.8339, 10.5278



10.7228, 13.8339, 14.1456



11.3234, 13.8339, 20.7426

Sweetspot

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



15.9158, 13.8345, 16.0190



34.2579, 34.2865, 38.1028



15.1819, 13.3034, 22.8870



7.6474, 7.5888, 8.4602



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.9158, 13.8345, 16.0190



26.4189, 21.8460, 25.5094



15.5571, 14.2153, 12.5142



4.3916, 4.3698, 4.8667



9.3937, 4.7772, 3.3971



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.9158, 13.8345, 16.0190



26.4189, 21.8460, 25.5094



16.1579, 19.0160, 23.9382



4.3916, 4.3698, 4.8667



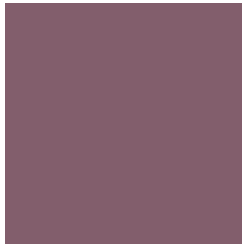
9.3937, 4.7772, 3.3971



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.9154, 13.8339, 16.0187 looks on a white background.

Color Contrast Check

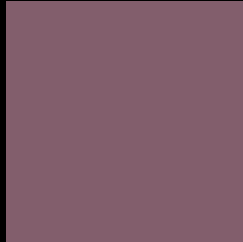
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 15.9154, 13.8339, 16.0187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

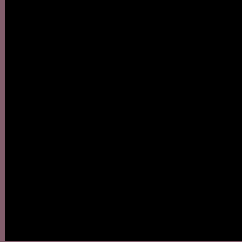
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9154, 13.8339, 16.0187

Background



This preview shows how black text looks on a background with the XYZ color 15.9154, 13.8339, 16.0187.



This preview shows how white text looks on a background with the XYZ color 15.9154, 13.8339,

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

15.9154, 13.8339, 16.0187

Protanopia

13.5811, 13.9991, 17.9059

Deuteranopia

14.1176, 13.8796, 15.8449



Tritanopia

15.5437, 13.8109, 14.4169

Trichromacy



Original Color

15.9154, 13.8339, 16.0187

Protanomaly

14.2919, 13.7949, 17.2387

Deuteranomaly

14.6293, 13.7188, 15.7869

Tritanomaly

15.6442, 13.8510, 14.9457

Monochromacy



Original Color

15.9154, 13.8339, 16.0187

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.4754, 14.2091, 15.8896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9154, 13.8339, 16.0187 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(130, 94, 108)` looks like.

```
.text, #text, p{  
    color:rgb(130, 94, 108)  
}
```

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(130, 94, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 94, 108) }
```

Border

The CSS property to change the border of an element to XYZ 15.9154, 13.8339, 16.0187 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(130, 94, 108) }
```


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

```
.border{ border-color:rgb(130, 94, 108) }
```

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

Here you see how a box with a 4 pixel rgb(130, 94, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 94, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 94, 108);  
box-shadow:4px 4px 4px 4px rgb(130, 94,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9154, 13.8339, 16.0187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 94, 108) }
```

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

```
.background{ background-color: rgb(130, 94,  
108) }
```

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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