

Converting Colors

XYZ(15.9117, 14.8045, 15.9288)

Have a look what the booklet for
XYZ(15.9117, 14.8045, 15.9288)
contains.

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Color

**XYZ(15.9117, 14.8045,
15.9288)**

Conversions

Conversions Part 1

Format	Color
Hex	7E656B
RGB	126, 101, 107
RGB Percent	49%, 40%, 42%
CMY	0.5059, 0.6039, 0.5804
CMYK	0.00, 0.20, 0.15, 0.51
HSL	346°, 11%, 45%
HSV	346°, 20%, 49%
XYZ	15.9117, 14.8045, 15.9288
YIQ	109.1590, 12.9740, 7.1660

Conversions

Conversions Part 2

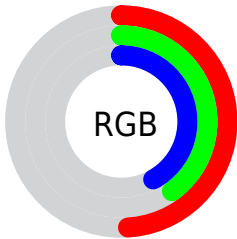
Format	Color
R_{YB}	126, 101, 107
Decimal	8283499
CIE _{Lab}	45.37, 11.06, 0.42
CIE _{LCh}	45, 11.071, 2.169
Yxy	14.8045, 0.3411, 0.3174
Android (android.graphics.Color)	4286473579 (0xFF7E656B)
YUV	109.1590, -1.0644, 14.7696
Hunter-Lab	38.4766, 6.4832, 2.3884




Details

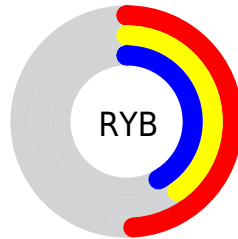
The XYZ color **15.9117, 14.8045, 15.9288** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2184, 19.0449, 20.5915**, and the grayscale version is **14.5816, 15.3410, 16.7063**.




A 20% lighter version of the original color is **35.9902, 34.5088, 37.1117**, and **5.1953, 4.5424, 4.8779** is the 20% darker color. If you saturate the color by 10%, you get **14.3046, 12.3525, 13.0434**, and if you desaturate by 10%, it is **17.7630, 17.6554, 19.1713**.

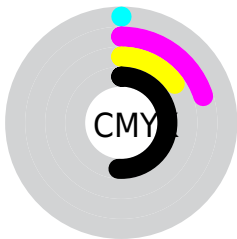
Distribution







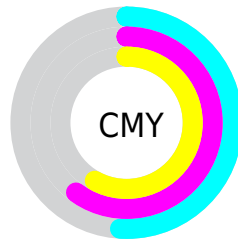
-  Red (49%)
-  Green (40%)
-  Blue (42%)






-  Red (49%)
-  Yellow (40%)
-  Blue (42%)



-  Cyan (0%)
-  Magenta (20%)
-  Yellow (15%)
-  Black (51%)



-  Cyan (51%)
-  Magenta (60%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9117, 14.8045, 15.9288 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 15.9117, 14.8045, 15.9288 by changing the saturation by 10% instead.

■ 15.9117, 14.8045,
15.9288

■ 15.9117, 14.8045,
15.9288

222.1008,
222.1798, 240.7526

■ 9.5521, 8.6823,
9.3200

■ 36.0035, 34.5098,
37.2396

■ 5.1630, 4.5345,
4.8508

■ 50.4665, 48.8618,
52.7787

■ 2.3790, 1.9768,
2.1028

■ 68.3613, 66.7257,
72.1316

■ 0.8346, 0.5940,
0.6174

■ 90.0534, 88.4861,
95.7169

■ 0.0000, 0.0000,
0.0000

115.9080,
114.5273, 123.9531

146.2905,

145.2338, 157.2587

181.5663,
180.9898, 196.0524

■ 15.9117, 14.8045,
15.9288

■ 15.9117, 14.8045,
15.9288

■ 14.3046, 12.3525,
13.0434

■ 17.7630, 17.6554,
19.1713

■ 12.9303, 10.2795,
10.5019

■ 19.8670, 20.9197,
22.7818

■ 11.7779, 8.5671,
8.2914

■ 22.2333, 24.6139,
26.7718

■ 10.8355, 7.1946,
6.3980

■ 24.8706, 28.7528,
31.1520

■ 10.0899, 6.1390,
4.8066

■ 27.7871, 33.3505,
35.9327

■ 9.5264, 5.3746,
3.5010

■ 30.9909, 38.4206,
41.1238

■ 9.1280, 4.8714,
2.4633

■ 34.4895, 43.9760,
46.7350

■ 8.8458, 4.5358,
1.6635

■ 38.2903, 50.0292,
52.7753

■ 8.8416, 4.5306,
1.6523

■ 42.4003, 56.5922,
59.2539

Harmonies

Analogous

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



15.6923, 14.8045, 18.5992



15.9117, 14.8045, 15.9288



15.6205, 14.8045, 13.5728

Triad

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



15.9117, 14.8045, 15.9288



13.1513, 14.8045, 12.2045



13.2624, 14.8045, 21.0213

Complementary

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



15.9117, 14.8045, 15.9288



16.2184, 19.0449, 20.5915

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.



12.6280, 14.8045, 18.9666



15.9117, 14.8045, 15.9288



12.5659, 14.8045, 13.8707

Square

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



15.9117, 14.8045, 15.9288



14.0045, 14.8045, 11.5734



12.3785, 14.8045, 16.3119



14.1382, 14.8045, 21.7233

Rectangle

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



15.9117, 14.8045, 15.9288



15.1830, 14.8045, 12.4441



12.3785, 14.8045, 16.3119



13.0151, 14.8045, 20.4556

Sweetspot

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



15.9121, 14.8052, 15.9291



32.5836, 33.1160, 36.0196



16.1312, 14.7896, 21.7433



7.3704, 7.4689, 8.1223



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.9121, 14.8052, 15.9291



26.6203, 23.9363, 25.5633



16.2374, 15.9434, 14.5343



4.3668, 4.3599, 4.7361



9.0690, 4.6473, 1.6872



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.9121, 14.8052, 15.9291



26.6203, 23.9363, 25.5633



15.8197, 17.6464, 22.3112



4.3668, 4.3599, 4.7361



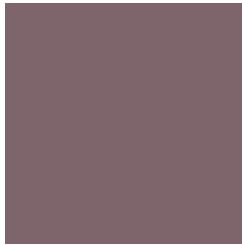
9.0690, 4.6473, 1.6872



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.9117, 14.8045, 15.9288 looks on a white background.

Color Contrast Check

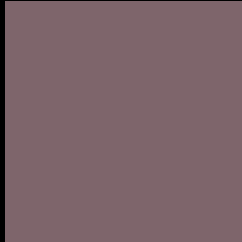
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9117, 14.8045, 15.9288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

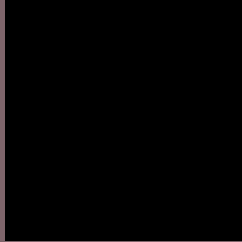
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.9117, 14.8045, 15.9288

Background



This preview shows how black text looks on a background with the XYZ color 15.9117, 14.8045, 15.9288.



This preview shows how white text looks on a background with the XYZ color 15.9117, 14.8045,

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

15.9117, 14.8045, 15.9288

Protanopia

14.3788, 14.8924, 16.8685

Deuteranopia

15.0230, 14.7928, 15.6992



Tritanopia

16.0182, 14.8471, 16.4895

Trichromacy



Original Color

15.9117, 14.8045, 15.9288

Protanomaly

14.8821, 14.8521, 16.5504

Deuteranomaly

15.3369, 14.8061, 15.6852

Tritanomaly

15.9646, 14.8257, 16.2076

Monochromacy



Original Color

15.9117, 14.8045, 15.9288

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.9310, 15.0356, 16.3026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9117, 14.8045, 15.9288 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(126, 101, 107)` looks like.

```
.text, #text, p{  
    color:rgb(126, 101, 107)  
}
```

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(126, 101, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 101, 107) }
```

Border

The CSS property to change the border of an element to XYZ 15.9117, 14.8045, 15.9288 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(126, 101, 107) }
```


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

```
.border{ border-color:rgb(126, 101, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 101, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 101, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 101, 107);  
box-shadow:4px 4px 4px 4px rgb(126, 101,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9117, 14.8045, 15.9288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 101, 107) }
```

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

```
.background{ background-color: rgb(126,  
101, 107) }
```

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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