

Converting Colors

XYZ(18.0483, 15.6814, 16.1535)

Have a look what the booklet for
XYZ(18.0483, 15.6814, 16.1535)
contains.

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Color

**XYZ(17.9838, 15.5818,
16.2471)**

Conversions

Conversions Part 1

Format	Color
Hex	8C636C
RGB	140, 99, 108
RGB Percent	55%, 39%, 42%
CMY	0.4510, 0.6118, 0.5765
CMYK	0.00, 0.29, 0.23, 0.45
HSL	347°, 17%, 47%
HSV	347°, 29%, 55%
XYZ	17.9838, 15.5818, 16.2471
YIQ	112.2850, 21.5470, 11.4910

Conversions

Conversions Part 2

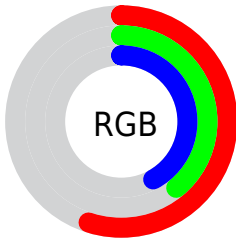
Format	Color
R _Y B	140, 99, 108
Decimal	9200492
CIE Lab	46.42, 17.99, 1.54
CIE LCh	46, 18.056, 4.899
Yxy	15.5818, 0.3610, 0.3128
Android (android.graphics.Color)	4287390572 (0xFF8C636C)
YUV	112.2850, -2.1125, 24.3061
Hunter-Lab	39.4738, 12.2434, 3.2284

Details

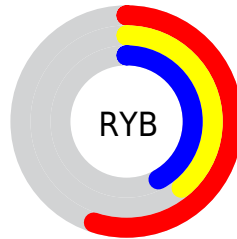
The XYZ color **17.9838, 15.5818, 16.2471** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.6210, 23.0478, 24.9410**, and the grayscale version is **15.4867, 16.2932, 17.7433**.

A 20% lighter version of the original color is **39.4125, 35.7852, 37.6309**, and **6.1901, 4.9168, 5.0377** is the 20% darker color. If you saturate the color by 10%, you get **16.2251, 12.9374, 12.9692**, and if you desaturate by 10%, it is **20.0462, 18.7167, 19.9863**.

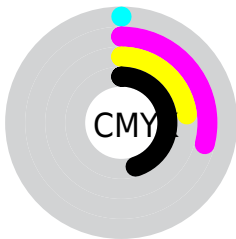
Distribution



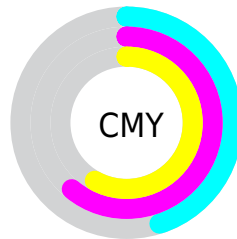
- Red (55%)
- Green (39%)
- Blue (42%)



- Red (55%)
- Yellow (39%)
- Blue (42%)



- Cyan (0%)
- Magenta (29%)
- Yellow (23%)
- Black (45%)



- Cyan (45%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9838, 15.5818, 16.2471 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 17.9838, 15.5818, 16.2471 by changing the saturation by 10% instead.

■ 17.9838, 15.5818,
16.2471

■ 17.9838, 15.5818,
16.2471

233.8271,
226.8612, 242.6907

■ 11.0380, 9.2287,
9.5429

■ 39.5400, 35.8706,
37.7994

■ 6.1599, 4.8907,
4.9954

■ 54.8811, 50.5752,
53.4846

■ 2.9841, 2.1833,
2.1858

■ 73.7514, 68.8324,
73.0006

■ 1.1454, 0.7108,
0.6662

■ 96.5161, 91.0265,
96.7658

■ 0.0626, 0.0000,
0.0000

123.5407,
117.5421, 125.1989

■ 0.0000, 0.0000,
0.0000

155.1905,

148.7635, 158.7184

191.8308,
185.0750, 197.7428

■ 17.9838, 15.5818,
16.2471

■ 17.9838, 15.5818,
16.2471

■ 16.2251, 12.9374,
12.9692

■ 20.0462, 18.7167,
19.9863

■ 14.7543, 10.7566,
10.1335

■ 22.4247, 22.3629,
24.2029

■ 13.5560, 9.0130,
7.7210

■ 25.1323, 26.5429,
28.9135

■ 12.6130, 7.6769,
5.7110

■ 28.1810, 31.2769,
34.1335

■ 11.9057, 6.7148,
4.0807

■ 31.5824, 36.5841,
39.8776

■ 11.4119, 6.0875,
2.8051

■ 35.3472, 42.4830,
46.1599

■ 11.0802, 5.6989,
1.8477

■ 39.4859, 48.9910,
52.9941

■ 11.0590, 5.6730,
1.7895

■ 44.0084, 56.1250,
60.3934

■ 48.9244, 63.9010,
68.3703

Harmonies

Analogous

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



17.6775, 15.5818, 20.8523



17.9838, 15.5818, 16.2471



17.3925, 15.5818, 12.5344

Triad

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



17.9838, 15.5818, 16.2471



13.1688, 15.5818, 10.8820



13.5809, 15.5818, 25.9329

Complementary

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



17.9838, 15.5818, 16.2471



18.6210, 23.0478, 24.9410

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.



12.4968, 15.5818, 22.3353



17.9838, 15.5818, 16.2471



12.2708, 15.5818, 13.5952

Square

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



17.9838, 15.5818, 16.2471



14.5569, 15.5818, 9.8009



12.0335, 15.5818, 17.7057



15.0661, 15.5818, 26.9752

Rectangle

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



17.9838, 15.5818, 16.2471



16.5915, 15.5818, 10.8948



12.0335, 15.5818, 17.7057



13.1609, 15.5818, 24.9549

Sweetspot

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



17.9842, 15.5825, 16.2474



39.5777, 39.4915, 42.7446



18.4685, 15.5980, 26.8484



8.9856, 8.8936, 9.6137



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.9842, 15.5825, 16.2474



29.6457, 24.3667, 24.8235



18.6366, 17.6144, 14.2229



5.0749, 5.0654, 5.4829



9.8328, 5.0433, 1.6241



0.0700, 0.0354, 0.0353

Inverse Universe

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



17.9842, 15.5825, 16.2474



29.6457, 24.3667, 24.8235



17.7388, 20.2647, 27.7876



5.0749, 5.0654, 5.4829



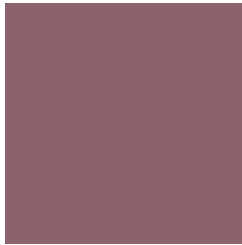
9.8328, 5.0433, 1.6241



0.0700, 0.0354, 0.0353

Previews

White Background



This preview shows how the XYZ color 17.9838, 15.5818, 16.2471 looks on a white background.

Color Contrast Check

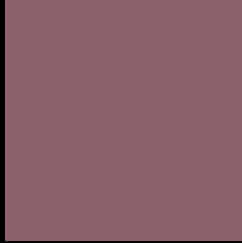
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9838, 15.5818, 16.2471 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 17.9838, 15.5818, 16.2471

Background



This preview shows how black text looks on a background with the XYZ color 17.9838, 15.5818, 16.2471.



This preview shows how white text looks on a background with the XYZ color 17.9838, 15.5818,

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

17.9838, 15.5818, 16.2471

Protanopia

15.1687, 15.7463, 18.1594

Deuteranopia

15.9376, 15.7145, 16.1031



Tritanopia

17.9309, 15.5607, 15.9684

Trichromacy



Original Color

17.9838, 15.5818, 16.2471

Protanomaly

16.1047, 15.6155, 17.4945

Deuteranomaly

16.6574, 15.6293, 16.0487

Tritanomaly

17.9309, 15.5607, 15.9684

Monochromacy



Original Color

17.9838, 15.5818, 16.2471

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.1530, 15.8007, 17.2374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9838, 15.5818, 16.2471 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(140, 99, 108)` looks like.

```
.text, #text, p{  
    color:rgb(140, 99, 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(140, 99, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 99, 108) }
```

Border

The CSS property to change the border of an element to XYZ 17.9838, 15.5818, 16.2471 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(140, 99, 108) }
```


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

```
.border{ border-color:rgb(140, 99, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 99, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 99, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 99, 108);  
box-shadow:4px 4px 4px 4px rgb(140, 99,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9838, 15.5818, 16.2471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 99, 108) }
```

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

```
.background{ background-color: rgb(140, 99,  
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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