

Converting Colors

XYZ(18.0083, 16.5126, 16.4128)

Have a look what the booklet for
XYZ(18.0083, 16.5126, 16.4128)
contains.

XYZ(17.9117, 16.4201, 16.4127)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.9117, 16.4201,
16.4127)**

Conversions

Conversions Part 1

Format	Color
Hex	88696C
RGB	136, 105, 108
RGB Percent	53%, 41%, 42%
CMY	0.4667, 0.5882, 0.5765
CMYK	0.00, 0.23, 0.21, 0.47
HSL	354°, 13%, 47%
HSV	354°, 23%, 53%
XYZ	17.9117, 16.4201, 16.4127
YIQ	114.6110, 17.5130, 7.5050

Conversions

Conversions Part 2

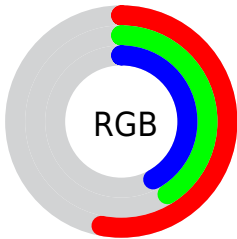
Format	Color
R_{YB}	136, 105, 108
Decimal	8939884
CIE Lab	47.52, 12.86, 3.08
CIE LCh	48, 13.228, 13.461
Yxy	16.4201, 0.3530, 0.3236
Android (android.graphics.Color)	4287129964 (0xFF88696C)
YUV	114.6110, -3.2592, 18.7582
Hunter-Lab	40.5217, 7.9888, 4.3507

Details

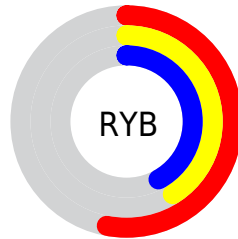
The XYZ color **17.9117, 16.4201, 16.4127** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.8642, 22.3054, 25.5026**, and the grayscale version is **16.1842, 17.0271, 18.5425**.

A 20% lighter version of the original color is **39.3817, 37.2273, 37.9108**, and **6.1931, 5.3415, 5.1195** is the 20% darker color. If you saturate the color by 10%, you get **16.0273, 13.6249, 12.7830**, and if you desaturate by 10%, it is **20.1107, 19.6968, 20.6023**.

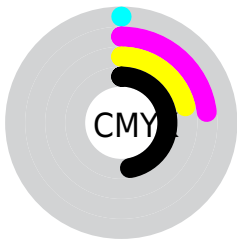
Distribution



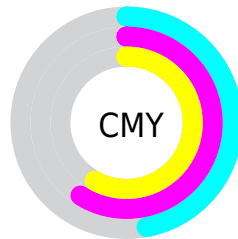
- Red (53%)
- Green (41%)
- Blue (42%)



- Red (53%)
- Yellow (41%)
- Blue (42%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (47%)



- Cyan (47%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9117, 16.4201, 16.4127 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 17.9117, 16.4201, 16.4127 by changing the saturation by 10% instead.

■ 17.9117, 16.4201,
16.4127

■ 17.9117, 16.4201,
16.4127

233.4281,
231.8080, 243.6931

■ 10.9859, 9.8219,
9.6592

■ 39.4181, 37.3260,
38.0899

■ 6.1246, 5.2810,
5.0709

■ 54.7294, 52.4025,
53.8507

■ 2.9624, 2.4131,
2.2295

■ 73.5665, 71.0739,
73.4509

■ 1.1339, 0.8326,
0.6913

■ 96.2950, 93.7246,
97.3091

■ 0.0532, 0.0000,
0.0000

123.2800,
120.7389, 125.8439

■ 0.0000, 0.0000,
0.0000

154.8869,

152.5014, 159.4738

191.4812,
189.3963, 198.6174

■ 17.9117, 16.4201,
16.4127

■ 17.9117, 16.4201,
16.4127

■ 16.0273, 13.6249,
12.7830

■ 20.1107, 19.6968,
20.6023

■ 14.4419, 11.2864,
9.6884

■ 22.6363, 23.4737,
25.3729

■ 13.1403, 9.3808,
7.1039

■ 25.5017, 27.7714,
30.7461

■ 12.1058, 7.8817,
5.0021

■ 28.7189, 32.6087,
36.7417

■ 11.3197, 6.7594,
3.3528

■ 32.2991, 38.0034,
43.3789

■ 10.7608, 5.9804,
2.1227

■ 36.2534, 43.9724,
50.6760

■ 10.4047, 5.5050,
1.2736

■ 40.5920, 50.5321,
58.6505

■ 10.2270, 5.2637,
0.8629

■ 45.3250, 57.6980,
67.3192

■ 50.4621, 65.4852,
76.6985

Harmonies

Analogous

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



17.8772, 16.4201, 19.7871



17.9117, 16.4201, 16.4127



17.3070, 16.4201, 13.7825

Triad

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



17.9117, 16.4201, 16.4127



14.1020, 16.4201, 13.5766



14.9717, 16.4201, 24.8358

Complementary

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



17.9117, 16.4201, 16.4127



18.8642, 22.3054, 25.5026

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.



14.0218, 16.4201, 22.7153



17.9117, 16.4201, 16.4127



13.5372, 16.4201, 16.0972

Square

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



17.9117, 16.4201, 16.4127



15.0862, 16.4201, 12.2894



13.5087, 16.4201, 19.4295



16.1393, 16.4201, 24.9481

Rectangle

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



17.9117, 16.4201, 16.4127



16.6395, 16.4201, 12.6867



13.5087, 16.4201, 19.4295



14.6178, 16.4201, 24.3232

Sweetspot

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



17.9122, 16.4209, 16.4130



37.8787, 38.3544, 40.9203



19.1531, 16.8599, 25.5375



8.7231, 8.8089, 9.3838



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.9122, 16.4209, 16.4130



29.9066, 26.4731, 25.7374



19.1117, 19.0708, 16.0393



5.0513, 5.0559, 5.3584



9.6813, 4.9826, 0.8263



0.0665, 0.0340, 0.0172

Inverse Universe

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



17.9122, 16.4209, 16.4130



29.9066, 26.4731, 25.7374



17.4279, 19.0967, 26.0602



5.0513, 5.0559, 5.3584



9.6813, 4.9826, 0.8263



0.0665, 0.0340, 0.0172

Previews

White Background



This preview shows how the XYZ color 17.9117, 16.4201, 16.4127 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 17.9117, 16.4201, 16.4127 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 17.9117, 16.4201, 16.4127

Background



This preview shows how black text looks on a background with the XYZ color 17.9117, 16.4201, 16.4127.



This preview shows how white text looks on a background with the XYZ color 17.9117, 16.4201,

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

17.9117, 16.4201, 16.4127

Protanopia

15.7890, 16.4030, 17.6632

Deuteranopia

16.7267, 16.4344, 16.2005



Tritanopia

18.1915, 16.3888, 17.5338

Trichromacy



Original Color

17.9117, 16.4201, 16.4127

Protanomaly

16.5063, 16.2959, 17.3144

Deuteranomaly

17.2223, 16.5325, 16.1933

Tritanomaly

18.1361, 16.3667, 17.2421

Monochromacy



Original Color

17.9117, 16.4201, 16.4127

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.7774, 16.7497, 17.6780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9117, 16.4201, 16.4127 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(136, 105, 108) looks like.

```
.text, #text, p{  
    color:rgb(136, 105, 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(136, 105, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 105, 108) }
```

Border

The CSS property to change the border of an element to XYZ 17.9117, 16.4201, 16.4127 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(136, 105, 108) }
```


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

```
.border{ border-color:rgb(136, 105, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 105, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 105, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 105, 108);  
box-shadow:4px 4px 4px 4px rgb(136, 105,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9117, 16.4201, 16.4127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 105, 108) }
```

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

```
.background{ background-color: rgb(136,  
105, 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](#).

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