

Converting Colors

XYZ(17.7908, 16.8137, 15.7987)

Have a look what the booklet for
XYZ(17.7908, 16.8137, 15.7987)
contains.

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Color

**XYZ(17.7439, 16.8134,
15.6747)**

Conversions

Conversions Part 1

Format	Color
Hex	866C69
RGB	134, 108, 105
RGB Percent	53%, 42%, 41%
CMY	0.4745, 0.5765, 0.5882
CMYK	0.00, 0.19, 0.22, 0.47
HSL	6°, 12%, 47%
HSV	6°, 22%, 53%
XYZ	17.7439, 16.8134, 15.6747
YIQ	115.4320, 16.4590, 4.5790

Conversions

Conversions Part 2

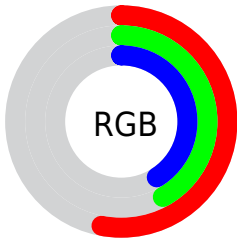
Format	Color
R_{YB}	134, 108, 105
Decimal	8809577
CIE Lab	48.02, 9.80, 5.57
CIE LCh	48, 11.269, 29.603
Yxy	16.8134, 0.3532, 0.3347
Android (android.graphics.Color)	4286999657 (0xFF866C69)
YUV	115.4320, -5.1430, 16.2841
Hunter-Lab	41.0041, 5.4858, 6.0380

Details

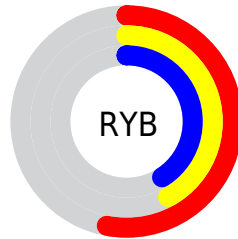
The XYZ color **17.7439, 16.8134, 15.6747** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.2449, 20.9565, 25.6378**, and the grayscale version is **16.4390, 17.2951, 18.8344**.

A 20% lighter version of the original color is **39.1379, 37.8879, 36.7028**, and **6.0886, 5.5278, 4.7491** is the 20% darker color. If you saturate the color by 10%, you get **15.9280, 14.1982, 11.9350**, and if you desaturate by 10%, it is **19.8439, 19.8227, 20.0450**.

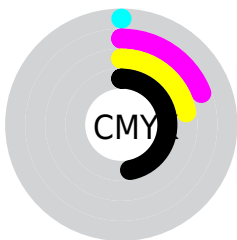
Distribution



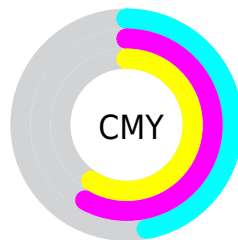
- Red (53%)
- Green (42%)
- Blue (41%)



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



- Cyan (0%)
- Magenta (19%)
- Yellow (22%)
- Black (47%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7439, 16.8134, 15.6747 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 17.7439, 16.8134, 15.6747 by changing the saturation by 10% instead.

■ 17.7439, 16.8134,
15.6747

■ 17.7439, 16.8134,
15.6747

232.4972,
234.0948, 239.1943

■ 10.8649, 10.1015,
9.1424

■ 39.1340, 38.0047,
36.7914

■ 6.0426, 5.4663,
4.7361

■ 54.3757, 53.2529,
52.2130

■ 2.9119, 2.5234,
2.0373

■ 73.1357, 72.1153,
71.4346

■ 1.1074, 0.8883,
0.5780

■ 95.7793, 94.9763,
94.8750

■ 0.0313, 0.0000,
0.0000

122.6719,
122.2204, 122.9526

■ 0.0000, 0.0000,
0.0000

154.1788,

154.2319, 156.0860

190.6655,
191.3952, 194.6937

■ 17.7439, 16.8134,
15.6747

■ 17.7439, 16.8134,
15.6747

■ 15.9280, 14.1982,
11.9350

■ 19.8439, 19.8227,
20.0450

■ 14.3826, 11.9586,
8.7957

■ 22.2380, 23.2392,
25.0720

■ 13.0951, 10.0780,
6.2259

■ 24.9374, 27.0779,
30.7816

■ 12.0514, 8.5378,
4.1913

■ 27.9525, 31.3527,
37.1981

■ 11.2360, 7.3174,
2.6540

■ 31.2930, 36.0767,
44.3444

■ 10.6315, 6.3942,
1.5711

■ 34.9681, 41.2625,
52.2427

■ 10.2181, 5.7428,
0.8926

■ 38.9870, 46.9221,
60.9139

■ 9.9869, 5.3791,
0.5119

■ 43.3582, 53.0672,
70.3782

■ 48.0901, 59.7090,
80.6553

Harmonies

Analogous

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



18.0193, 16.8134, 18.3458



17.7439, 16.8134, 15.6747



16.9918, 16.8134, 13.8844

Triad

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



17.7439, 16.8134, 15.6747



14.3509, 16.8134, 15.6141



15.9671, 16.8134, 24.5052

Complementary

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



17.7439, 16.8134, 15.6747



18.2449, 20.9565, 25.6378

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.



15.0104, 16.8134, 23.5811



17.7439, 16.8134, 15.6747



14.1019, 16.8134, 18.2681

Square

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



17.7439, 16.8134, 15.6747



15.0330, 16.8134, 13.8521



14.3382, 16.8134, 21.2185



16.9673, 16.8134, 23.6272

Rectangle

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



17.7439, 16.8134, 15.6747



16.3365, 16.8134, 13.3276



14.3382, 16.8134, 21.2185



15.6299, 16.8134, 24.3937

Sweetspot

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



17.7444, 16.8142, 15.6750



37.2212, 38.1513, 40.0506



18.9868, 16.8131, 23.7530



8.3357, 8.5239, 8.9182



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.7444, 16.8142, 15.6750



29.6246, 27.2675, 24.2331



19.3902, 20.1059, 16.2237



4.7085, 4.7607, 4.9001



9.3635, 5.0497, 0.4812



0.0348, 0.0222, 0.0024

Inverse Universe

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



18.2449, 20.9565, 25.6378



30.6694, 35.9227, 45.0557



16.4438, 17.3543, 25.0374



4.7616, 5.1987, 5.9532



10.3456, 14.2390, 23.3398



0.0388, 0.0552, 0.0818

Previews

White Background



This preview shows how the XYZ color 17.7439, 16.8134, 15.6747 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 17.7439, 16.8134, 15.6747 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 17.7439, 16.8134, 15.6747

Background



This preview shows how black text looks on a background with the XYZ color 17.7439, 16.8134, 15.6747.

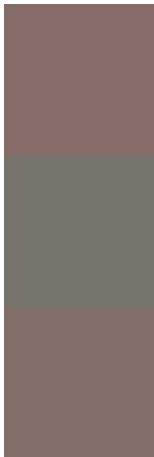


This preview shows how white text looks on a background with the XYZ color 17.7439, 16.8134,

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

17.7439, 16.8134, 15.6747

Protanopia

16.1953, 16.9689, 16.6091

Deuteranopia

17.1790, 16.8389, 15.7094



Tritanopia

18.3439, 16.9041, 18.5156

Trichromacy



Original Color

17.7439, 16.8134, 15.6747

Protanomaly

16.7602, 16.9350, 16.2953

Deuteranomaly

17.3785, 16.7825, 15.6880

Tritanomaly

18.1186, 16.8140, 17.3294

Monochromacy



Original Color

17.7439, 16.8134, 15.6747

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.6895, 16.8736, 17.4162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7439, 16.8134, 15.6747 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(134, 108, 105)` looks like.

```
.text, #text, p{  
    color:rgb(134, 108, 105)  
}
```

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(134, 108, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 108, 105) }
```

Border

The CSS property to change the border of an element to XYZ 17.7439, 16.8134, 15.6747 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(134, 108, 105) }
```


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

```
.border{ border-color:rgb(134, 108, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 108, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 108, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 108, 105);  
box-shadow:4px 4px 4px 4px rgb(134, 108,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7439, 16.8134, 15.6747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 108, 105) }
```

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

```
.background{ background-color: rgb(134,  
108, 105) }
```

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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