

Converting Colors

XYZ(16.9427, 15.9215, 13.5788)

Have a look what the booklet for
XYZ(16.9427, 15.9215, 13.5788)
contains.

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Color

**XYZ(17.0408, 16.0346,
13.5061)**

Conversions

Conversions Part 1

Format	Color
Hex	866961
RGB	134, 105, 97
RGB Percent	53%, 41%, 38%
CMY	0.4745, 0.5882, 0.6196
CMYK	0.00, 0.22, 0.28, 0.47
HSL	13°, 16%, 45%
HSV	13°, 28%, 53%
XYZ	17.0408, 16.0346, 13.5061
YIQ	112.7590, 19.8520, 3.6600

Conversions

Conversions Part 2

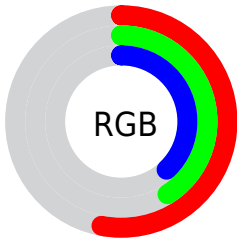
Format	Color
R_{YB}	134, 107, 97
Decimal	8808801
CIE Lab	47.02, 10.30, 8.91
CIE LCh	47, 13.620, 40.862
Yxy	16.0346, 0.3658, 0.3442
Android (android.graphics.Color)	4286998881 (0xFF866961)
YUV	112.7590, -7.7692, 18.6284
Hunter-Lab	40.0432, 5.8868, 8.0325

Details

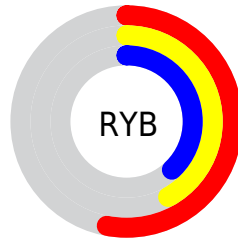
The XYZ color **17.0408, 16.0346, 13.5061** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.6935, 19.1837, 25.3774**, and the grayscale version is **15.6432, 16.4579, 17.9226**.

A 20% lighter version of the original color is **37.9728, 36.6064, 33.0813**, and **5.6779, 5.1041, 3.8179** is the 20% darker color. If you saturate the color by 10%, you get **15.4637, 13.7972, 10.1539**, and if you desaturate by 10%, it is **18.8564, 18.5799, 17.4590**.

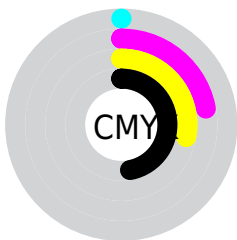
Distribution



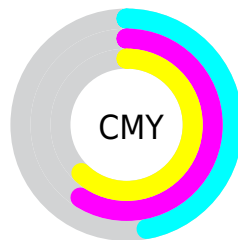
- Red (53%)
- Green (41%)
- Blue (38%)



- Red (53%)
- Yellow (42%)
- Blue (38%)



- Cyan (0%)
- Magenta (22%)
- Yellow (28%)
- Black (47%)



- Cyan (47%)
- Magenta (59%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0408, 16.0346, 13.5061 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 17.0408, 16.0346, 13.5061 by changing the saturation by 10% instead.

■ 17.0408, 16.0346,
13.5061

■ 17.0408, 16.0346,
13.5061

228.5590,
229.5458, 225.4568

■ 10.3591, 9.5486,
7.6432

■ 37.9390, 36.6583,
32.9145

■ 5.7018, 5.1007,
3.7830

■ 52.8861, 51.5648,
47.2970

■ 2.7035, 2.3065,
1.5071

■ 71.3191, 70.0469,
65.3565

■ 0.9990, 0.7771,
0.2232

■ 93.6032, 92.4890,
87.5114

■ 0.0000, 0.0000,
0.0000

120.1040,
119.2756, 114.1804

151.1866,

150.7910, 145.7819

187.2165,
187.4196, 182.7345

■ 17.0408, 16.0346,
13.5061

■ 17.0408, 16.0346,
13.5061

■ 15.4637, 13.7972,
10.1539

■ 18.8564, 18.5799,
17.4590

■ 14.1138, 11.8538,
7.3718

■ 20.9188, 21.4421,
22.0390

■ 12.9806, 10.1927,
5.1281

■ 23.2373, 24.6322,
27.2723

■ 12.0523, 8.8004,
3.3877

■ 25.8204, 28.1604,
33.1832

■ 11.3161, 7.6625,
2.1109

■ 28.6763, 32.0363,
39.7947

■ 10.7574, 6.7631,
1.2525

■ 31.8126, 36.2690,
47.1288

■ 10.3520, 6.0812,
0.7201

■ 35.2368, 40.8675,
55.2066

■ 10.2705, 5.9463,
0.6064

■ 38.9561, 45.8402,
64.0481

■ 42.9773, 51.1954,
73.6729

Harmonies

Analogous

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



17.6046, 16.0346, 16.2507



17.0408, 16.0346, 13.5061



16.0044, 16.0346, 11.9618

Triad

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



17.0408, 16.0346, 13.5061



13.1756, 16.0346, 15.3937



15.6765, 16.0346, 24.7333

Complementary

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



17.0408, 16.0346, 13.5061



16.6935, 19.1837, 25.3774

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.



14.5011, 16.0346, 24.4253



17.0408, 16.0346, 13.5061



13.0980, 16.0346, 18.7257

Square

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



17.0408, 16.0346, 13.5061



13.7892, 16.0346, 12.9493



13.5715, 16.0346, 22.1164



16.7900, 16.0346, 22.9101

Rectangle

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



17.0408, 16.0346, 13.5061



15.2059, 16.0346, 11.6825



13.5715, 16.0346, 22.1164



15.2749, 16.0346, 24.8811

Sweetspot

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



17.0412, 16.0353, 13.5064



36.6397, 37.4787, 38.3446



17.9111, 15.1398, 21.9207



8.1405, 8.2858, 8.3836



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.



17.0412, 16.0353, 13.5064



28.2767, 25.7785, 20.0627



19.0599, 20.0727, 14.1793



4.7482, 4.8401, 4.9133



9.6319, 5.5864, 0.5706



0.0379, 0.0284, 0.0035

Inverse Universe

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



16.6935, 19.1837, 25.3774



27.5567, 32.2557, 44.5120



14.6061, 15.0091, 24.6816



4.7185, 5.1125, 5.9389



8.7762, 11.1002, 22.8167



0.0357, 0.0490, 0.0808

Previews

White Background



This preview shows how the XYZ color 17.0408, 16.0346, 13.5061 looks on a white background.

Color Contrast Check

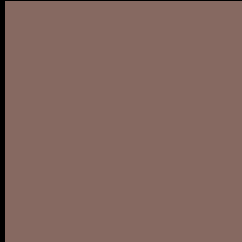
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0408, 16.0346, 13.5061 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 17.0408, 16.0346, 13.5061

Background



This preview shows how black text looks on a background with the XYZ color 17.0408, 16.0346, 13.5061.

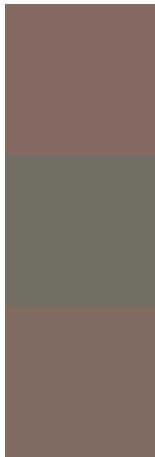


This preview shows how white text looks on a background with the XYZ color 17.0408, 16.0346,

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

17.0408, 16.0346, 13.5061

Protanopia

15.1871, 16.0020, 14.3448

Deuteranopia

16.4223, 16.1774, 13.5663



Tritanopia

17.8728, 16.0824, 17.2011

Trichromacy



Original Color

17.0408, 16.0346, 13.5061

Protanomaly

15.8891, 16.0491, 14.0647

Deuteranomaly

16.6213, 16.1243, 13.5455

Tritanomaly

17.5435, 16.0921, 15.8171

Monochromacy



Original Color

17.0408, 16.0346, 13.5061

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.1149, 16.2783, 16.2026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0408, 16.0346, 13.5061 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, 105, 97)` looks like.

```
.text, #text, p{  
    color:rgb(134, 105, 97)  
}
```

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, 105, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 105, 97) }
```

Border

The CSS property to change the border of an element to XYZ 17.0408, 16.0346, 13.5061 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, 105, 97) }
```


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

```
.border{ border-color:rgb(134, 105, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 105, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 105, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 105, 97);  
box-shadow:4px 4px 4px 4px rgb(134, 105,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0408, 16.0346, 13.5061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 105, 97) }
```

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

```
.background{ background-color: rgb(134,  
105, 97) }
```

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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