

Converting Colors

XYZ(17.3642, 16.5579, 15.3748)

Have a look what the booklet for
XYZ(17.3642, 16.5579, 15.3748)
contains.

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Color

**XYZ(17.3770, 16.6301,
15.3908)**

Conversions

Conversions Part 1

Format	Color
Hex	846C68
RGB	132, 108, 104
RGB Percent	52%, 42%, 41%
CMY	0.4824, 0.5765, 0.5922
CMYK	0.00, 0.18, 0.21, 0.48
HSL	9°, 12%, 46%
HSV	9°, 21%, 52%
XYZ	17.3770, 16.6301, 15.3908
YIQ	114.7200, 15.5880, 3.8440

Conversions

Conversions Part 2

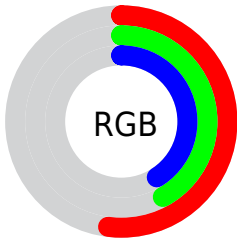
Format	Color
R_{YB}	132, 109, 104
Decimal	8678504
CIE Lab	47.79, 8.82, 5.80
CIE LCh	48, 10.557, 33.329
Yxy	16.6301, 0.3518, 0.3367
Android (android.graphics.Color)	4286868584 (0xFF846C68)
YUV	114.7200, -5.2850, 15.1546
Hunter-Lab	40.7800, 4.6966, 6.1694

Details

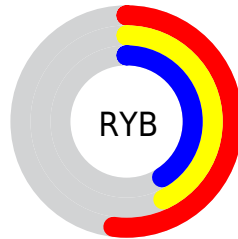
The XYZ color **17.3770, 16.6301, 15.3908** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.5929, 20.0470, 24.7723**, and the grayscale version is **16.2235, 17.0683, 18.5874**.

A 20% lighter version of the original color is **38.3221, 37.4771, 36.2244**, and **5.8869, 5.4267, 4.6081** is the 20% darker color. If you saturate the color by 10%, you get **15.6417, 14.1496, 11.7593**, and if you desaturate by 10%, it is **19.3731, 19.4638, 19.6275**.

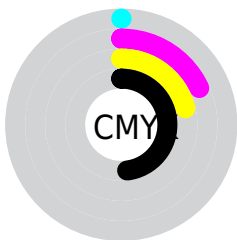
Distribution



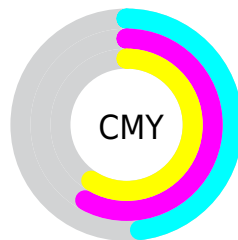
- Red (52%)
- Green (42%)
- Blue (41%)



- Red (52%)
- Yellow (43%)
- Blue (41%)



- Cyan (0%)
- Magenta (18%)
- Yellow (21%)
- Black (48%)



- Cyan (48%)
- Magenta (58%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3770, 16.6301, 15.3908 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 17.3770, 16.6301, 15.3908 by changing the saturation by 10% instead.

■ 17.3770, 16.6301,
15.3908

■ 17.3770, 16.6301,
15.3908

230.4498,
233.0316, 237.4413

■ 10.6006, 9.9711,
8.9445

■ 38.5113, 37.6887,
36.2893

■ 5.8643, 5.3798,
4.6086

■ 53.5999, 52.8571,
51.5785

■ 2.8026, 2.4718,
1.9648

■ 72.1900, 71.6307,
70.6524

■ 1.0502, 0.8625,
0.5335

■ 94.6469, 94.3940,
93.9295

■ 0.0000, 0.0000,
0.0000

121.3360,
121.5314, 121.8284

152.6226,

153.4272, 154.7677

188.8721,
190.4658, 193.1658

■ 17.3770, 16.6301,
15.3908

■ 17.3770, 16.6301,
15.3908

■ 15.6417, 14.1496,
11.7593

■ 19.3731, 19.4638,
19.6275

■ 14.1549, 12.0064,
8.7043

■ 21.6387, 22.6614,
24.4941

■ 12.9057, 10.1863,
6.1964

■ 24.1840, 26.2361,
30.0155

■ 11.8815, 8.6737,
4.2032

■ 27.0179, 30.1996,
36.2145

■ 11.0687, 7.4515,
2.6887

■ 30.1493, 34.5632,
43.1132

■ 10.4521, 6.5008,
1.6124

■ 33.5865, 39.3377,
50.7325

■ 10.0145, 5.8006,
0.9270

■ 37.3374, 44.5335,
59.0924

■ 9.7465, 5.3669,
0.5222

■ 41.4099, 50.1605,
68.2122

■ 45.8113, 56.2285,
78.1105

Harmonies

Analogous

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



17.6946, 16.6301, 17.8063



17.3770, 16.6301, 15.3908



16.6378, 16.6301, 13.8361

Triad

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



17.3770, 16.6301, 15.3908



14.2346, 16.6301, 15.8662



15.9124, 16.6301, 23.8277

Complementary

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



17.3770, 16.6301, 15.3908



17.5929, 20.0470, 24.7723

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.



15.0032, 16.6301, 23.1780



17.3770, 16.6301, 15.3908



14.0576, 16.6301, 18.4118

Square

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



17.3770, 16.6301, 15.3908



14.8270, 16.6301, 14.0907



14.3334, 16.6301, 21.1261



16.8280, 16.6301, 22.8229

Rectangle

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



17.3770, 16.6301, 15.3908



16.0189, 16.6301, 13.4064



14.3334, 16.6301, 21.1261



15.5958, 16.6301, 23.7959

Sweetspot

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



17.3775, 16.6309, 15.3911



36.0913, 37.0635, 38.7849



18.3801, 16.3720, 22.7058



8.3535, 8.5596, 8.9241



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.



17.3775, 16.6309, 15.3911



29.2259, 27.3206, 24.2026



18.9415, 19.7589, 15.9125



4.7224, 4.7883, 4.9047



9.4396, 5.2017, 0.5065



0.0359, 0.0244, 0.0028

Inverse Universe

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



17.5929, 20.0470, 24.7723



29.6684, 34.3528, 43.5202



15.9215, 16.7041, 24.2151



4.7464, 5.1685, 5.9482



9.7675, 13.0829, 23.1471



0.0377, 0.0530, 0.0815

Previews

White Background



This preview shows how the XYZ color 17.3770, 16.6301, 15.3908 looks on a white background.

Color Contrast Check

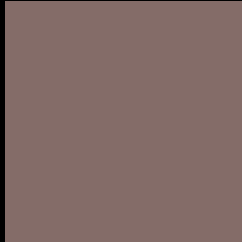
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3770, 16.6301, 15.3908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

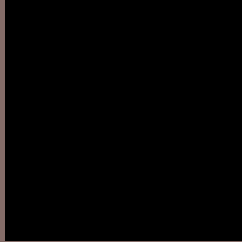
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.3770, 16.6301, 15.3908

Background



This preview shows how black text looks on a background with the XYZ color 17.3770, 16.6301, 15.3908.

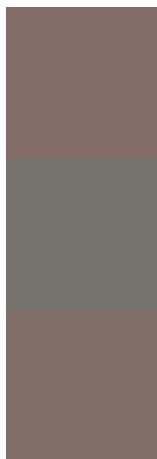


This preview shows how white text looks on a background with the XYZ color 17.3770, 16.6301,

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

17.3770, 16.6301, 15.3908

Protanopia

15.8951, 16.6537, 16.2866

Deuteranopia

16.9767, 16.7405, 15.4332



Tritanopia

17.9214, 16.5324, 18.4662

Trichromacy



Original Color

17.3770, 16.6301, 15.3908

Protanomaly

16.3120, 16.5471, 15.9698

Deuteranomaly

17.0206, 16.6039, 15.4045

Tritanomaly

17.7998, 16.6496, 17.3145

Monochromacy



Original Color

17.3770, 16.6301, 15.3908

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.5486, 16.8010, 17.4096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3770, 16.6301, 15.3908 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(132, 108, 104)` looks like.

```
.text, #text, p{  
    color:rgb(132, 108, 104)  
}
```

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(132, 108, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 108, 104) }
```

Border

The CSS property to change the border of an element to XYZ 17.3770, 16.6301, 15.3908 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(132, 108, 104) }
```


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

```
.border{ border-color:rgb(132, 108, 104) }
```

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

Here you see how a box with a 4 pixel rgb(132, 108, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 108, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 108, 104);  
box-shadow:4px 4px 4px 4px rgb(132, 108,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3770, 16.6301, 15.3908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 108, 104) }
```

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

```
.background{ background-color: rgb(132,  
108, 104) }
```

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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