

Converting Colors

XYZ(16.1693, 17.4328, 18.5651)

Have a look what the booklet for
XYZ(16.1693, 17.4328, 18.5651)
contains.

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Color

**XYZ(16.0806, 17.3822,
18.4272)**

Conversions

Conversions Part 1

Format	Color
Hex	707572
RGB	112, 117, 114
RGB Percent	44%, 46%, 45%
CMY	0.5608, 0.5412, 0.5529
CMYK	0.04, 0.00, 0.03, 0.54
HSL	144°, 2%, 45%
HSV	144°, 4%, 46%
XYZ	16.0806, 17.3822, 18.4272
YIQ	115.1630, -2.0170, -1.9930

Conversions

Conversions Part 2

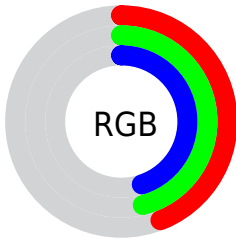
Format	Color
R_{YB}	112, 116, 117
Decimal	7370098
CIE _{Lab}	48.74, -2.50, 0.99
CIE _{LCh}	49, 2.692, 158.426
Yxy	17.3822, 0.3099, 0.3350
Android (android.graphics.Color)	4285560178 (0xFF707572)
YUV	115.1630, -0.5734, -2.7740
Hunter-Lab	41.6920, -4.1135, 2.9791

Details

The XYZ color **16.0806, 17.3822, 18.4272** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2254, 16.6084, 18.5709**, and the grayscale version is **16.3476, 17.1990, 18.7297**.

A 20% lighter version of the original color is **36.3807, 39.0216, 41.6908**, and **5.2258, 5.7396, 5.9867** is the 20% darker color. If you saturate the color by 10%, you get **14.3032, 16.5108, 16.3375**, and if you desaturate by 10%, it is **18.0832, 18.3671, 20.6884**.

Distribution



Red (44%)

Green (46%)

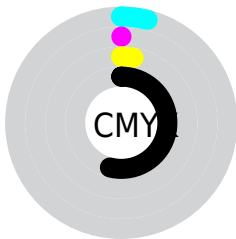
Blue (45%)



Red (44%)

Yellow (45%)

Blue (46%)

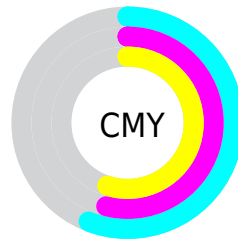


Cyan (4%)

Magenta (0%)

Yellow (3%)

Black (54%)



Cyan (56%)

Magenta (54%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0806, 17.3822, 18.4272 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 16.0806, 17.3822, 18.4272 by changing the saturation by 10% instead.

■ 16.0806, 17.3822,
18.4272

■ 16.0806, 17.3822,
18.4272

223.0779,
237.3654, 255.5845

■ 9.6724, 10.5074,
11.0845

■ 36.2944, 38.9817,
41.5877

■ 5.2429, 5.7366,
6.0088

■ 50.8307, 54.4753,
58.2425

■ 2.4267, 2.6856,
2.7816

■ 68.8071, 73.6104,
78.8385

■ 0.8584, 0.9699,
0.9842

■ 90.5890, 96.7717,
103.7942

■ 0.0000, 0.0000,
0.0000

116.5416,
124.3434, 133.5281

147.0304,

156.7100, 168.4588

182.4207,
194.2559, 209.0047

■ 16.0806, 17.3822,
18.4272

■ 16.0806, 17.3822,
18.4272

■ 14.3032, 16.5108,
16.3375

■ 18.0832, 18.3671,
20.6884

■ 12.7414, 15.7467,
14.4141

■ 20.3171, 19.4671,
23.1236

■ 11.3871, 15.0861,
12.6533

■ 22.7901, 20.6867,
25.7371

■ 10.2312, 14.5244,
11.0509

■ 25.5092, 22.0294,
28.5323

■ 9.2637, 14.0567,
9.6023

■ 28.4812, 23.4986,
31.5127

■ 8.4739, 13.6775,
8.3030

■ 31.7123, 25.0976,
34.6818

■ 7.8498, 13.3807,
7.1479

■ 35.2088, 26.8293,
38.0427

■ 7.3781, 13.1595,
6.1319

■ 38.9767, 28.6969,
41.5988

■ 7.0389, 13.0038,
5.2493

■ 43.0218, 30.7033,
45.3531

Harmonies

Analogous

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



16.2259, 17.3822, 17.8736



16.0806, 17.3822, 18.4272



16.0528, 17.3822, 19.1276

Triad

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



16.0806, 17.3822, 18.4272



16.5914, 17.3822, 20.3134



16.8987, 17.3822, 18.0879

Complementary

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



16.0806, 17.3822, 18.4272



16.2254, 16.6084, 18.5709

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.



16.9988, 17.3822, 18.7263



16.0806, 17.3822, 18.4272



16.8202, 17.3822, 20.0194

Square

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



16.0806, 17.3822, 18.4272



16.3461, 17.3822, 20.2284



16.9699, 17.3822, 19.4343



16.6977, 17.3822, 17.6812

Rectangle

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



16.0806, 17.3822, 18.4272



16.1043, 17.3822, 19.5856



16.9699, 17.3822, 19.4343



16.9453, 17.3822, 18.2819

Sweetspot

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



16.0811, 17.3829, 18.4276



29.9153, 31.6765, 34.2784



16.3677, 17.5437, 17.8530



6.8844, 7.2861, 7.8885



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



16.0811, 17.3829, 18.4276



28.5078, 30.9852, 32.6654



16.2206, 17.4387, 19.1622



3.8558, 4.1988, 4.4180



7.5621, 14.2388, 5.2502



36.4520, 69.2281, 23.4832

Inverse Universe

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



16.2254, 16.6084, 18.5709



28.8161, 29.3303, 32.9716



16.0880, 16.5534, 17.8475



3.9000, 3.9618, 4.4619



9.3003, 4.6538, 6.7897



44.8901, 22.5062, 30.8143

Previews

White Background



This preview shows how the XYZ color 16.0806, 17.3822, 18.4272 looks on a white background.

Color Contrast Check

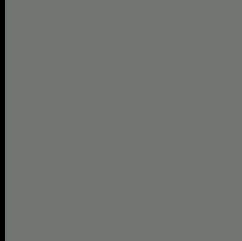
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0806, 17.3822, 18.4272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

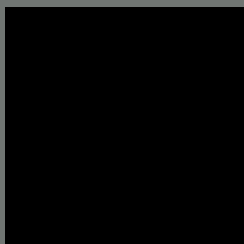
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

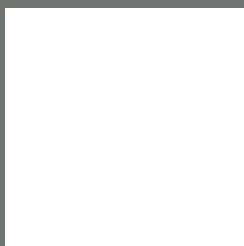
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0806, 17.3822, 18.4272

Background



This preview shows how black text looks on a background with the XYZ color 16.0806, 17.3822, 18.4272.



This preview shows how white text looks on a background with the XYZ color 16.0806, 17.3822,

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

16.0806, 17.3822, 18.4272

Protanopia

16.5826, 17.3053, 18.0890

Deuteranopia

17.6411, 17.3382, 18.6365



Tritanopia

16.7718, 17.3195, 21.8611

Trichromacy



Original Color

16.0806, 17.3822, 18.4272

Protanomaly

16.4285, 17.3960, 18.1147

Deuteranomaly

17.1379, 17.4100, 18.6769

Tritanomaly

16.5066, 17.3820, 20.5742

Monochromacy



Original Color

16.0806, 17.3822, 18.4272

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.2793, 17.3060, 18.7020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0806, 17.3822, 18.4272 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(112, 117, 114)` looks like.

```
.text, #text, p{  
    color:rgb(112, 117, 114)  
}
```

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(112, 117, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 117, 114) }
```

Border

The CSS property to change the border of an element to XYZ 16.0806, 17.3822, 18.4272 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(112, 117, 114) }
```


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

```
.border{ border-color:rgb(112, 117, 114) }
```

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

Here you see how a box with a 4 pixel rgb(112, 117, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 117, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 117, 114);  
box-shadow:4px 4px 4px 4px rgb(112, 117,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0806, 17.3822, 18.4272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 117, 114) }
```

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

```
.background{ background-color: rgb(112,  
117, 114) }
```

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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