

Converting Colors

XYZ(16.9944, 16.0730, 17.6048)

Have a look what the booklet for
XYZ(16.9944, 16.0730, 17.6048)
contains.

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Color

**XYZ(16.9808, 16.0671,
17.5355)**

Conversions

Conversions Part 1

Format	Color
Hex	806A70
RGB	128, 106, 112
RGB Percent	50%, 42%, 44%
CMY	0.4980, 0.5843, 0.5608
CMYK	0.00, 0.17, 0.13, 0.50
HSL	344°, 9%, 46%
HSV	344°, 17%, 50%
XYZ	16.9808, 16.0671, 17.5355
YIQ	113.2620, 11.1860, 6.5300

Conversions

Conversions Part 2

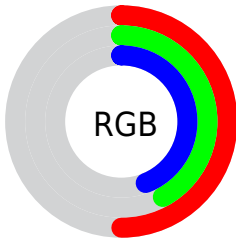
Format	Color
R _Y B	128, 106, 112
Decimal	8415856
CIE Lab	47.06, 9.79, -0.09
CIE LCh	47, 9.787, 359.501
Yxy	16.0671, 0.3357, 0.3176
Android (android.graphics.Color)	4286605936 (0xFF806A70)
YUV	113.2620, -0.6222, 12.9252
Hunter-Lab	40.0838, 5.4718, 2.1210

Details

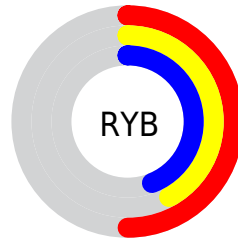
The XYZ color **16.9808, 16.0671, 17.5355** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.1766, 19.9082, 21.3508**, and the grayscale version is **15.7737, 16.5951, 18.0721**.

A 20% lighter version of the original color is **37.8139, 36.6180, 40.1969**, and **5.7138, 5.1604, 5.5454** is the 20% darker color. If you saturate the color by 10%, you get **15.2671, 13.4267, 14.5376**, and if you desaturate by 10%, it is **18.9459, 19.1242, 20.8821**.

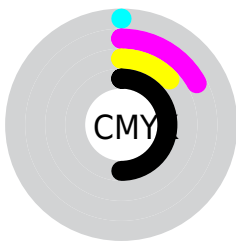
Distribution



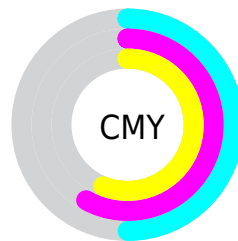
- Red (50%)
- Green (42%)
- Blue (44%)



- Red (50%)
- Yellow (42%)
- Blue (44%)



- Cyan (0%)
- Magenta (17%)
- Yellow (13%)
- Black (50%)



- Cyan (50%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9808, 16.0671, 17.5355 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 16.9808, 16.0671, 17.5355 by changing the saturation by 10% instead.

■ 16.9808, 16.0671,
17.5355

■ 16.9808, 16.0671,
17.5355

228.2201,
229.7373, 250.3873

■ 10.3160, 9.5716,
10.4510

■ 37.8366, 36.7147,
40.0474

■ 5.6729, 5.1159,
5.5895

■ 52.7584, 51.6355,
56.3119

■ 2.6860, 2.3154,
2.5324

■ 71.1632, 70.1337,
76.4736

■ 0.9900, 0.7819,
0.8573

■ 93.4163, 92.5935,
100.9509

■ 0.0000, 0.0000,
0.0000

119.8833,
119.3994, 130.1623

150.9293,

150.9357, 164.5265

186.9198,
187.5869, 204.4620

■ 16.9808, 16.0671,
17.5355

■ 16.9808, 16.0671,
17.5355

■ 15.2671, 13.4267,
14.5376

■ 18.9459, 19.1242,
20.8821

■ 13.7932, 11.1828,
11.8760

■ 21.1709, 22.6128,
24.5872

■ 12.5484, 9.3168,
9.5389

■ 23.6652, 26.5496,
28.6616

■ 11.5209, 7.8076,
7.5135

■ 26.4378, 30.9497,
33.1154

■ 10.6975, 6.6323,
5.7860

■ 29.4968, 35.8277,
37.9580

■ 10.0638, 5.7648,
4.3416

■ 32.8502, 41.1973,
43.1987

■ 9.6032, 5.1757,
3.1642

■ 36.5058, 47.0717,
48.8465

■ 9.2835, 4.8043,
2.2314

■ 40.4710, 53.4639,
54.9099

■ 9.2041, 4.7100,
2.0063

■ 44.7527, 60.3860,
61.3975

Harmonies

Analogous

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



16.7371, 16.0671, 20.0030



16.9808, 16.0671, 17.5355



16.7524, 16.0671, 15.2697

Triad

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



16.9808, 16.0671, 17.5355



14.4733, 16.0671, 13.6965



14.4494, 16.0671, 21.8885

Complementary

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



16.9808, 16.0671, 17.5355



17.1766, 19.9082, 21.3508

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.



13.8802, 16.0671, 19.9252



16.9808, 16.0671, 17.5355



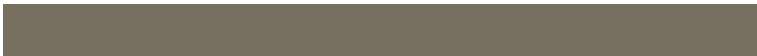
13.8937, 16.0671, 15.2047

Square

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



16.9808, 16.0671, 17.5355



15.2857, 16.0671, 13.1830



13.6806, 16.0671, 17.4532



15.2569, 16.0671, 22.6560

Rectangle

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



16.9808, 16.0671, 17.5355



16.3678, 16.0671, 14.1424



13.6806, 16.0671, 17.4532



14.2249, 16.0671, 21.3380

Sweetspot

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



16.9813, 16.0678, 17.5358



34.1298, 34.8791, 38.0639



17.0439, 15.9879, 22.6101



7.9386, 8.0846, 8.8243



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



16.9813, 16.0678, 17.5358



28.5477, 26.2034, 28.5317



17.1632, 16.9485, 16.0033



4.3722, 4.3620, 4.7646



9.1269, 4.6705, 1.9922



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.9813, 16.0678, 17.5358



28.5477, 26.2034, 28.5317



16.9527, 18.8471, 23.1668



4.3722, 4.3620, 4.7646



9.1269, 4.6705, 1.9922



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.9808, 16.0671, 17.5355 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 16.9808, 16.0671, 17.5355 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 16.9808, 16.0671, 17.5355

Background



This preview shows how black text looks on a background with the XYZ color 16.9808, 16.0671, 17.5355.



This preview shows how white text looks on a background with the XYZ color 16.9808, 16.0671,

17.5355.

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

16.9808, 16.0671, 17.5355

Protanopia

15.5890, 16.1174, 18.5090

Deuteranopia

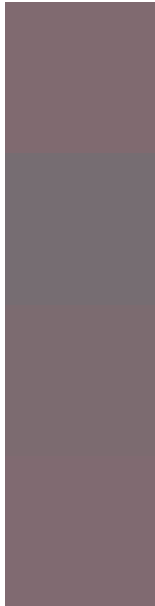
16.3132, 16.0326, 17.5640



Tritanopia

17.0934, 16.1122, 18.1286

Trichromacy



Original Color

16.9808, 16.0671, 17.5355

Protanomaly

15.9771, 16.0037, 18.1665

Deuteranomaly

16.4945, 15.9703, 17.5425

Tritanomaly

17.0368, 16.0895, 17.8304

Monochromacy



Original Color

16.9808, 16.0671, 17.5355

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.0278, 16.1957, 17.9041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9808, 16.0671, 17.5355 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(128, 106, 112)` looks like.

```
.text, #text, p{  
    color:rgb(128, 106, 112)  
}
```

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(128, 106, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 106, 112) }
```

Border

The CSS property to change the border of an element to XYZ 16.9808, 16.0671, 17.5355 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(128, 106, 112) }
```


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

```
.border{ border-color:rgb(128, 106, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 106, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 106, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 106, 112);  
box-shadow:4px 4px 4px 4px rgb(128, 106,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9808, 16.0671, 17.5355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 106, 112) }
```

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

```
.background{ background-color: rgb(128,  
106, 112) }
```

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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