

Converting Colors

XYZ(16.1432, 16.9875, 17.1258)

Have a look what the booklet for
XYZ(16.1432, 16.9875, 17.1258)
contains.

XYZ(16.1679, 16.9423, 17.1699)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.1679, 16.9423,
17.1699)**

Conversions

Conversions Part 1

Format	Color
Hex	75726E
RGB	117, 114, 110
RGB Percent	46%, 45%, 43%
CMY	0.5412, 0.5529, 0.5686
CMYK	0.00, 0.03, 0.06, 0.54
HSL	34°, 3%, 45%
HSV	34°, 6%, 46%
XYZ	16.1679, 16.9423, 17.1699
YIQ	114.4410, 3.0720, -0.6080

Conversions

Conversions Part 2

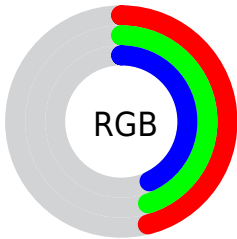
Format	Color
R_{YB}	115, 117, 110
Decimal	7697006
CIE Lab	48.19, 0.37, 2.62
CIE LCh	48, 2.642, 81.942
Yxy	16.9423, 0.3216, 0.3370
Android (android.graphics.Color)	4285887086 (0xFF75726E)
YUV	114.4410, -2.1894, 2.2442
Hunter-Lab	41.1610, -1.9176, 4.0805

Details

The XYZ color **16.1679, 16.9423, 17.1699** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.5464, 16.4094, 19.1778**, and the grayscale version is **16.1329, 16.9730, 18.4836**.

A 20% lighter version of the original color is **36.5200, 38.3161, 39.6534**, and **5.2997, 5.5205, 5.4889** is the 20% darker color. If you saturate the color by 10%, you get **15.0228, 15.6051, 13.8502**, and if you desaturate by 10%, it is **17.4290, 18.3766, 20.9438**.

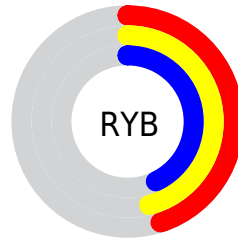
Distribution



Red (46%)

Green (45%)

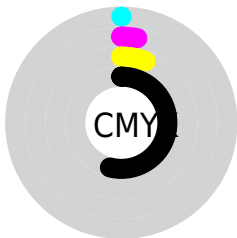
Blue (43%)



Red (45%)

Yellow (46%)

Blue (43%)

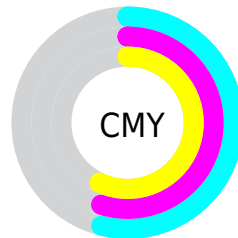


Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (54%)



Cyan (54%)

Magenta (55%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1679, 16.9423, 17.1699 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 16.1679, 16.9423, 17.1699 by changing the saturation by 10% instead.

■ 16.1679, 16.9423,
17.1699

■ 16.1679, 16.9423,
17.1699

223.5814,
234.8397, 248.2266

■ 9.7346, 10.1934,
10.1925

■ 36.4445, 38.2265,
39.4123

■ 5.2843, 5.5274,
5.4195

■ 51.0186, 53.5306,
55.5144

■ 2.4515, 2.5599,
2.4324

■ 69.0370, 72.4552,
75.4950

■ 0.8709, 0.9065,
0.8040

■ 90.8651, 95.3847,
99.7729

■ 0.0000, 0.0000,
0.0000

116.8683,
122.7035, 128.7664

147.4118,

154.7960, 162.8942

182.8610,
192.0466, 202.5747

■ 16.1679, 16.9423,
17.1699

■ 16.1679, 16.9423,
17.1699

■ 15.0228, 15.6051,
13.8502

■ 17.4290, 18.3766,
20.9438

■ 13.9887, 14.3604,
10.9661

■ 18.8084, 19.9080,
25.1872

■ 13.0618, 13.2066,
8.4995

■ 20.3098, 21.5393,
29.9160

■ 12.2381, 12.1413,
6.4305

■ 21.9366, 23.2725,
35.1452

■ 11.5129, 11.1616,
4.7377

■ 23.6918, 25.1096,
40.8890

■ 10.8813, 10.2648,
3.3975

■ 25.5785, 27.0526,
47.1612

■ 10.3377, 9.4477,
2.3836

■ 27.5997, 29.1033,
53.9747

■ 9.8759, 8.7069,
1.6661

■ 29.7580, 31.2634,
61.3425

■ 9.4842, 8.0368,
1.1864

■ 32.0562, 33.5347,
69.2766

Harmonies

Analogous

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



16.3892, 16.9423, 17.4265



16.1679, 16.9423, 17.1699



15.9314, 16.9423, 17.2488

Triad

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



16.1679, 16.9423, 17.1699



15.6790, 16.9423, 18.9453



16.4691, 16.9423, 19.2737

Complementary

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



16.1679, 16.9423, 17.1699



15.5464, 16.4094, 19.1778

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.



16.2761, 16.9423, 19.7000



16.1679, 16.9423, 17.1699



15.8204, 16.9423, 19.5072

Square

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



16.1679, 16.9423, 17.1699



15.6507, 16.9423, 18.2627



16.0386, 16.9423, 19.7865



16.5642, 16.9423, 18.6331

Rectangle

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



16.1679, 16.9423, 17.1699



15.7968, 16.9423, 17.4820



16.0386, 16.9423, 19.7865



16.4134, 16.9423, 19.4475

Sweetspot

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



16.1684, 16.9430, 17.1703



29.8150, 31.3282, 33.3044



15.8948, 16.1270, 17.9079



6.8631, 7.2122, 7.6816



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.



16.1684, 16.9430, 17.1703



28.6960, 30.0437, 29.9921



16.4496, 17.5983, 17.2819



3.8932, 4.0759, 4.0664



10.2716, 8.5445, 1.1079



49.1920, 39.9125, 5.1112

Inverse Universe

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



15.5464, 16.4094, 19.1778



27.3695, 28.9055, 34.2738



15.2757, 15.7815, 19.0709



3.7120, 3.9205, 4.6513



4.7846, 3.9088, 19.0449



22.5001, 17.4168, 92.5362

Previews

White Background



This preview shows how the XYZ color 16.1679, 16.9423, 17.1699 looks on a white background.

Color Contrast Check

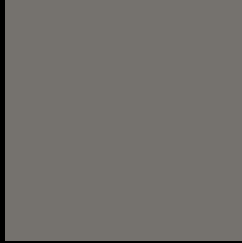
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.1679, 16.9423, 17.1699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

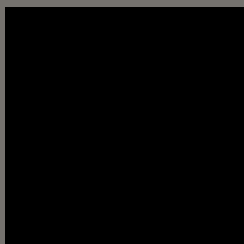
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.1679, 16.9423, 17.1699

Background



This preview shows how black text looks on a background with the XYZ color 16.1679, 16.9423, 17.1699.



This preview shows how white text looks on a background with the XYZ color 16.1679, 16.9423,

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

16.1679, 16.9423, 17.1699

Protanopia

16.1679, 16.9423, 17.1699

Deuteranopia

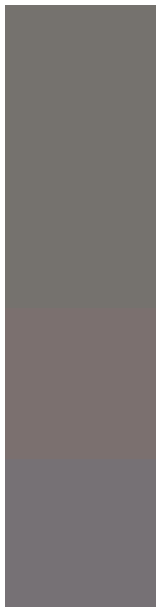
17.3061, 17.0286, 17.4136



Tritanopia

16.8531, 16.8908, 20.4611

Trichromacy



Original Color

16.1679, 16.9423, 17.1699

Protanomaly

16.1679, 16.9423, 17.1699

Deuteranomaly

16.8318, 16.9470, 17.4229

Tritanomaly

16.5872, 16.9462, 19.2263

Monochromacy



Original Color

16.1679, 16.9423, 17.1699

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.0682, 16.8717, 18.0325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1679, 16.9423, 17.1699 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(117, 114, 110)` looks like.

```
.text, #text, p{  
    color:rgb(117, 114, 110)  
}
```

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(117, 114, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 114, 110) }
```

Border

The CSS property to change the border of an element to XYZ 16.1679, 16.9423, 17.1699 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(117, 114, 110) }
```


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

```
.border{ border-color:rgb(117, 114, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 114, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 114, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 114, 110);  
box-shadow:4px 4px 4px 4px rgb(117, 114,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1679, 16.9423, 17.1699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 114, 110) }
```

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

```
.background{ background-color: rgb(117,  
114, 110) }
```

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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