

Converting Colors

XYZ(16.1126, 16.9512, 16.5866)

Have a look what the booklet for
XYZ(16.1126, 16.9512, 16.5866)
contains.

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Color

**XYZ(16.0602, 16.8992,
16.6028)**

Conversions

Conversions Part 1

Format	Color
Hex	75726C
RGB	117, 114, 108
RGB Percent	46%, 45%, 42%
CMY	0.5412, 0.5529, 0.5765
CMYK	0.00, 0.03, 0.08, 0.54
HSL	40°, 4%, 44%
HSV	40°, 8%, 46%
XYZ	16.0602, 16.8992, 16.6028
YIQ	114.2130, 3.7140, -1.2300

Conversions

Conversions Part 2

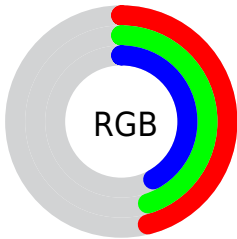
Format	Color
R_{YB}	113, 117, 108
Decimal	7697004
CIE Lab	48.13, -0.01, 3.72
CIE LCh	48, 3.725, 90.175
Yxy	16.8992, 0.3240, 0.3410
Android (android.graphics.Color)	4285887084 (0xFF75726C)
YUV	114.2130, -3.0630, 2.4442
Hunter-Lab	41.1086, -2.2043, 4.8302

Details

The XYZ color **16.0602, 16.8992, 16.6028** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.0797, 15.8412, 19.0927**, and the grayscale version is **16.0666, 16.9034, 18.4078**.

A 20% lighter version of the original color is **36.2564, 38.2107, 38.2654**, and **5.2448, 5.4986, 5.1998** is the 20% darker color. If you saturate the color by 10%, you get **15.0487, 15.8066, 13.3969**, and if you desaturate by 10%, it is **17.1750, 18.0642, 20.2558**.

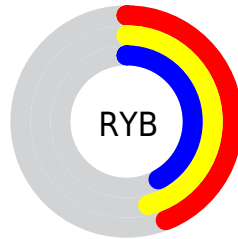
Distribution



Red (46%)

Green (45%)

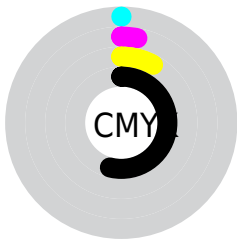
Blue (42%)



Red (44%)

Yellow (46%)

Blue (42%)

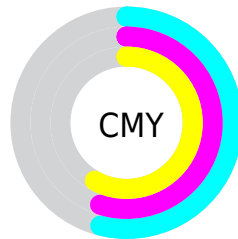


Cyan (0%)

Magenta (3%)

Yellow (8%)

Black (54%)



Cyan (54%)

Magenta (55%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0602, 16.8992, 16.6028 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 16.0602, 16.8992, 16.6028 by changing the saturation by 10% instead.

■ 16.0602, 16.8992,
16.6028

■ 16.0602, 16.8992,
16.6028

222.9601,
234.5908, 244.8389

■ 9.6579, 10.1626,
9.7928

■ 36.2593, 38.1524,
38.4228

■ 5.2332, 5.5069,
5.1580

■ 50.7868, 53.4378,
54.2699

■ 2.4209, 2.5477,
2.2799

■ 68.7533, 72.3416,
73.9664

■ 0.8555, 0.9004,
0.7199

■ 90.5244, 95.2483,
97.9308

■ 0.0000, 0.0000,
0.0000

116.4652,
122.5421, 126.5817

146.9412,

154.6076, 160.3377

182.3177,
191.8290, 199.6172

■ 16.0602, 16.8992,
16.6028

■ 16.0602, 16.8992,
16.6028

■ 15.0487, 15.8066,
13.3969

■ 17.1750, 18.0642,
20.2558

■ 14.1356, 14.7824,
10.6197

■ 18.3949, 19.3010,
24.3715

■ 13.3174, 13.8255,
8.2528

■ 19.7238, 20.6121,
28.9658

■ 12.5903, 12.9338,
6.2762

■ 21.1645, 21.9990,
34.0537

■ 11.9499, 12.1053,
4.6682

■ 22.7201, 23.4632,
39.6494

■ 11.3913, 11.3376,
3.4049

■ 24.3932, 25.0062,
45.7666

■ 10.9094, 10.6282,
2.4596

■ 26.1867, 26.6294,
52.4186

■ 10.4979, 9.9742,
1.8018

■ 28.1031, 28.3341,
59.6179

■ 10.1416, 9.3690,
1.3514

■ 30.1450, 30.1217,
67.3770

Harmonies

Analogous

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



16.3873, 16.8992, 16.8338



16.0602, 16.8992, 16.6028



15.7380, 16.8992, 16.8392

Triad

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



16.0602, 16.8992, 16.6028



15.5074, 16.8992, 19.3509



16.6321, 16.8992, 19.3408

Complementary

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



16.0602, 16.8992, 16.6028



15.0797, 15.8412, 19.0927

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.



16.3908, 16.8992, 20.0552



16.0602, 16.8992, 16.6028



15.7414, 16.8992, 20.0612

Square

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



16.0602, 16.8992, 16.6028



15.4216, 16.8992, 18.4060



16.0642, 16.8992, 20.3232



16.7203, 16.8992, 18.3947

Rectangle

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



16.0602, 16.8992, 16.6028



15.5687, 16.8992, 17.2350



16.0642, 16.8992, 20.3232



16.5660, 16.8992, 19.6171

Sweetspot

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



16.0607, 16.8999, 16.6032



29.8622, 31.4226, 33.3201



15.5682, 15.6550, 17.2404



6.8731, 7.2322, 7.6849



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.



16.0607, 16.8999, 16.6032



28.4687, 29.9527, 28.7953



16.2045, 17.4844, 16.7084



3.8688, 4.0705, 3.9241



11.0720, 10.1452, 1.3747



53.1439, 47.8162, 6.4285

Inverse Universe

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



15.0797, 15.8412, 19.0927



26.3812, 27.6998, 34.0932



14.9421, 15.2928, 18.9941



3.5911, 3.7708, 4.6288



4.3228, 2.9853, 18.8910



20.3518, 13.1201, 91.8201

Previews

White Background



This preview shows how the XYZ color 16.0602, 16.8992, 16.6028 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 16.0602, 16.8992, 16.6028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

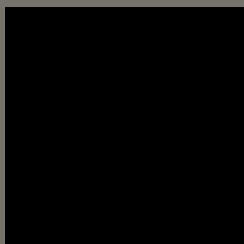
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

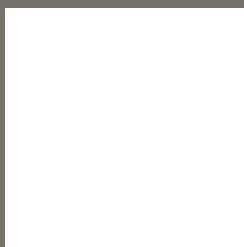
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0602, 16.8992, 16.6028

Background



This preview shows how black text looks on a background with the XYZ color 16.0602, 16.8992, 16.6028.



This preview shows how white text looks on a background with the XYZ color 16.0602, 16.8992,

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

16.0602, 16.8992, 16.6028

Protanopia

16.1953, 16.9689, 16.6091

Deuteranopia

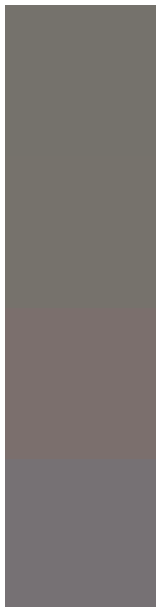
17.0886, 16.7680, 16.8039



Tritanopia

16.8531, 16.8908, 20.4611

Trichromacy



Original Color

16.0602, 16.8992, 16.6028

Protanomaly

16.1953, 16.9689, 16.6091

Deuteranomaly

16.6131, 16.6840, 16.8127

Tritanomaly

16.5287, 16.9228, 18.9183

Monochromacy



Original Color

16.0602, 16.8992, 16.6028

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.0122, 16.8493, 17.7375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0602, 16.8992, 16.6028 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, 108)` looks like.

```
.text, #text, p{  
    color:rgb(117, 114, 108)  
}
```

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, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 114, 108) }
```

Border

The CSS property to change the border of an element to XYZ 16.0602, 16.8992, 16.6028 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, 108) }
```


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

```
.border{ border-color:rgb(117, 114, 108) }
```

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, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 114, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 114, 108);  
box-shadow:4px 4px 4px 4px rgb(117, 114,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0602, 16.8992, 16.6028 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, 108) }
```

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

```
.background{ background-color: rgb(117,  
114, 108) }
```

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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