

Converting Colors

XYZ(16.1787, 15.9212, 18.4975)

Have a look what the booklet for
XYZ(16.1787, 15.9212, 18.4975)
contains.

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Color

**XYZ(16.2028, 15.9560,
18.4455)**

Conversions

Conversions Part 1

Format	Color
Hex	786C73
RGB	120, 108, 115
RGB Percent	47%, 42%, 45%
CMY	0.5294, 0.5765, 0.5490
CMYK	0.00, 0.10, 0.04, 0.53
HSL	325°, 5%, 45%
HSV	325°, 10%, 47%
XYZ	16.2028, 15.9560, 18.4455
YIQ	112.3860, 4.9050, 4.7210

Conversions

Conversions Part 2

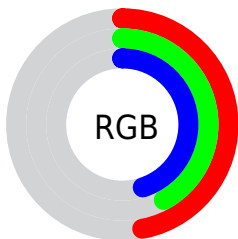
Format	Color
R_{YB}	120, 108, 115
Decimal	7892083
CIE _{Lab}	46.92, 6.05, -2.19
CIE _{LCh}	47, 6.429, 340.113
Yxy	15.9560, 0.3202, 0.3153
Android (android.graphics.Color)	4286082163 (0xFF786C73)
YUV	112.3860, 1.2887, 6.6775
Hunter-Lab	39.9450, 2.5009, 0.5830

Details

The XYZ color **16.2028, 15.9560, 18.4455** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.8821, 17.8138, 18.2250**, and the grayscale version is **15.5102, 16.3180, 17.7703**.

A 20% lighter version of the original color is **36.3864, 36.3570, 41.6590**, and **5.3543, 5.1205, 6.0163** is the 20% darker color. If you saturate the color by 10%, you get **14.7434, 13.4852, 16.5777**, and if you desaturate by 10%, it is **17.8529, 18.7829, 20.4543**.

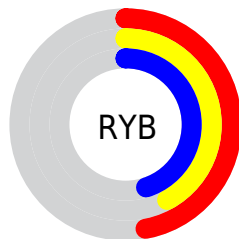
Distribution



Red (47%)

Green (42%)

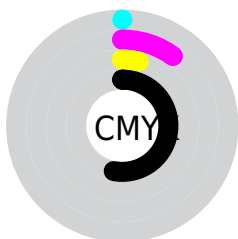
Blue (45%)



Red (47%)

Yellow (42%)

Blue (45%)

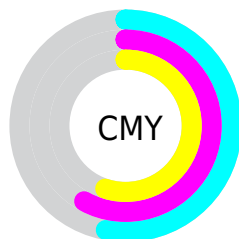


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (53%)



Cyan (53%)

Magenta (58%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2028, 15.9560, 18.4455 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 16.2028, 15.9560, 18.4455 by changing the saturation by 10% instead.

■ 16.2028, 15.9560,
18.4455

■ 16.2028, 15.9560,
18.4455

223.7824,
229.0819, 255.6902

■ 9.7595, 9.4930,
11.0976

■ 36.5045, 36.5218,
41.6191

■ 5.3009, 5.0641,
6.0175

■ 51.0937, 51.3934,
58.2819

■ 2.4614, 2.2849,
2.7868

■ 69.1289, 69.8367,
78.8867

■ 0.8758, 0.7657,
0.9868

■ 90.9754, 92.2360,
103.8521

■ 0.0000, 0.0000,
0.0000

116.9987,
118.9758, 133.5966

147.5640,

150.4405, 168.5388

183.0368,
187.0144, 209.0971

■ 16.2028, 15.9560,
18.4455

■ 16.2028, 15.9560,
18.4455

■ 14.7434, 13.4852,
16.5777

■ 17.8529, 18.7829,
20.4543

■ 13.4661, 11.3541,
14.8462

■ 19.6993, 21.9772,
22.6066

■ 12.3635, 9.5483,
13.2475

■ 21.7491, 25.5524,
24.9061

■ 11.4273, 8.0513,
11.7776

■ 24.0083, 29.5205,
27.3559

■ 10.6482, 6.8454,
10.4321

■ 26.4831, 33.8932,
29.9592

■ 10.0163, 5.9108,
9.2064

■ 29.1791, 38.6815,
32.7189

■ 9.5203, 5.2256,
8.0953

■ 32.1018, 43.8961,
35.6379

■ 9.1471, 4.7640,
7.0930

■ 35.2566, 49.5473,
38.7191

■ 8.8511, 4.4353,
6.1828

■ 38.6485, 55.6451,
41.9652

Harmonies

Analogous

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



15.8713, 15.9560, 19.8446



16.2028, 15.9560, 18.4455



16.2526, 15.9560, 16.8366

Triad

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



16.2028, 15.9560, 18.4455



14.9771, 15.9560, 14.5062



14.3557, 15.9560, 19.4407

Complementary

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



16.2028, 15.9560, 18.4455



15.8821, 17.8138, 18.2250

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.



14.1284, 15.9560, 17.9215



16.2028, 15.9560, 18.4455



14.4813, 15.9560, 15.1164

Square

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



16.2028, 15.9560, 18.4455



15.5356, 15.9560, 14.6273



14.1738, 15.9560, 16.3436



14.8017, 15.9560, 20.4432

Rectangle

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



16.2028, 15.9560, 18.4455



16.1180, 15.9560, 15.8691



14.1738, 15.9560, 16.3436



14.2516, 15.9560, 18.9698

Sweetspot

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



16.2033, 15.9567, 18.4458



30.4711, 31.4388, 34.8621



15.5634, 15.5927, 19.9589



7.1709, 7.3641, 8.2010



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



16.2033, 15.9567, 18.4458



27.8798, 27.0123, 31.6666



15.8692, 15.8231, 16.6865



4.0872, 4.0506, 4.6566



9.6487, 4.8356, 6.7071



45.5938, 22.8938, 29.7205

Inverse Universe

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



16.2033, 15.9567, 18.4458



27.8798, 27.0123, 31.6666



16.2311, 17.9534, 20.0629



4.0872, 4.0506, 4.6566



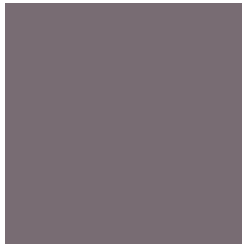
9.6487, 4.8356, 6.7071



45.5938, 22.8938, 29.7205

Previews

White Background



This preview shows how the XYZ color 16.2028, 15.9560, 18.4455 looks on a white background.

Color Contrast Check

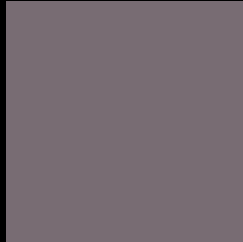
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.2028, 15.9560, 18.4455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

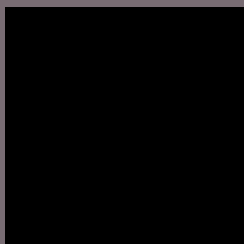
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.2028, 15.9560, 18.4455

Background



This preview shows how black text looks on a background with the XYZ color 16.2028, 15.9560, 18.4455.



This preview shows how white text looks on a background with the XYZ color 16.2028, 15.9560,

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

16.2028, 15.9560, 18.4455

Protanopia

15.5774, 16.0980, 19.1158

Deuteranopia

16.2028, 15.9560, 18.4455



Tritanopia

16.2607, 15.9791, 18.7503

Trichromacy



Original Color

16.2028, 15.9560, 18.4455

Protanomaly

15.7985, 16.0577, 18.7898

Deuteranomaly

16.2028, 15.9560, 18.4455

Tritanomaly

16.2607, 15.9791, 18.7503

Monochromacy



Original Color

16.2028, 15.9560, 18.4455

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.7353, 16.2060, 17.9215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2028, 15.9560, 18.4455 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(120, 108, 115)` looks like.

```
.text, #text, p{  
    color:rgb(120, 108, 115)  
}
```

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(120, 108, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 108, 115) }
```

Border

The CSS property to change the border of an element to XYZ 16.2028, 15.9560, 18.4455 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(120, 108, 115) }
```


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

```
.border{ border-color:rgb(120, 108, 115) }
```

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

Here you see how a box with a 4 pixel rgb(120, 108, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 108, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 108, 115);  
box-shadow:4px 4px 4px 4px rgb(120, 108,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2028, 15.9560, 18.4455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 108, 115) }
```

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

```
.background{ background-color: rgb(120,  
108, 115) }
```

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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