

Converting Colors

XYZ(15.4866, 17.6415, 16.7763)

Have a look what the booklet for
XYZ(15.4866, 17.6415, 16.7763)
contains.

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Color

**XYZ(15.4866, 17.6415,
16.7763)**

Conversions

Conversions Part 1

Format	Color
Hex	6B786C
RGB	107, 120, 108
RGB Percent	42%, 47%, 42%
CMY	0.5804, 0.5294, 0.5765
CMYK	0.11, 0.00, 0.10, 0.53
HSL	125°, 6%, 45%
HSV	125°, 11%, 47%
XYZ	15.4866, 17.6415, 16.7763
YIQ	114.7450, -3.8960, -6.4880

Conversions

Conversions Part 2

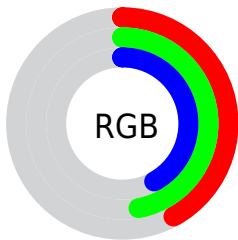
Format	Color
RYB	107, 119, 120
Decimal	7043180
CIELab	49.06, -7.33, 4.95
CIELCh	49, 8.846, 145.977
Yxy	17.6415, 0.3103, 0.3535
Android (android.graphics.Color)	4285233260 (0xFF6B786C)
YUV	114.7450, -3.3253, -6.7924
Hunter-Lab	42.0018, -7.6879, 5.7197

Details

The XYZ color **15.4866, 17.6415, 16.7763** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.3338, 15.8406, 19.6501**, and the grayscale version is **16.2295, 17.0747, 18.5943**.

A 20% lighter version of the original color is **35.1111, 39.2774, 38.5316**, and **5.0231, 5.9323, 5.2952** is the 20% darker color. If you saturate the color by 10%, you get **13.5903, 16.7283, 13.8034**, and if you desaturate by 10%, it is **17.6591, 18.6895, 20.1539**.

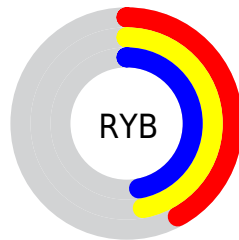
Distribution



Red (42%)

Green (47%)

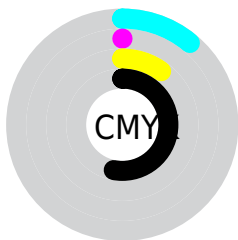
Blue (42%)



Red (42%)

Yellow (47%)

Blue (47%)

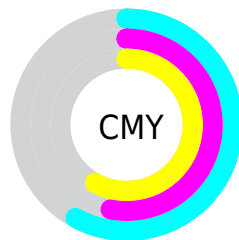


Cyan (11%)

Magenta (0%)

Yellow (10%)

Black (53%)



Cyan (58%)

Magenta (53%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4866, 17.6415, 16.7763 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 15.4866, 17.6415, 16.7763 by changing the saturation by 10% instead.

■ 15.4866, 17.6415,
16.7763

■ 15.4866, 17.6415,
16.7763

219.6233,
238.8425, 245.8801

■ 9.2501, 10.6929,
9.9149

■ 35.2693, 39.4255,
38.7261

■ 4.9631, 5.8607,
5.2377

■ 49.5462, 55.0297,
54.6516

■ 2.2602, 2.7606,
2.3262

■ 67.2340, 74.2879,
74.4355

■ 0.7742, 1.0081,
0.7458

■ 88.6980, 97.5845,
98.4963

■ 0.0000, 0.0000,
0.0000

114.3036,
125.3038, 127.2527

144.4161,

157.8303, 161.1230

179.4009,
195.5485, 200.5260

■ 15.4866, 17.6415,
16.7763

■ 15.4866, 17.6415,
16.7763

■ 13.5903, 16.7283,
13.8034

■ 17.6591, 18.6895,
20.1539

■ 11.9577, 15.9421,
11.2190

■ 20.1166, 19.8749,
23.9493

■ 10.5775, 15.2782,
9.0072

■ 22.8696, 21.2034,
28.1765

■ 9.4372, 14.7302,
7.1510

■ 25.9273, 22.6795,
32.8487

■ 8.5229, 14.2916,
5.6317

■ 29.2988, 24.3075,
37.9782

■ 7.8197, 13.9549,
4.4292

■ 32.9926, 26.0916,
43.5770

■ 7.3105, 13.7120,
3.5211

■ 37.0169, 28.0358,
49.6566

■ 6.9757, 13.5532,
2.8821

■ 41.3798, 30.1441,
56.2282

■ 6.7675, 13.4540,
2.5055

■ 46.0889, 32.4200,
63.3025

Harmonies

Analogous

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



16.0822, 17.6415, 15.4059



15.4866, 17.6415, 16.7763



15.2341, 17.6415, 18.8915

Triad

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



15.4866, 17.6415, 16.7763



16.6566, 17.6415, 24.1080



18.2351, 17.6415, 17.2860

Complementary

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



15.4866, 17.6415, 16.7763



16.3338, 15.8406, 19.6501

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.



18.4010, 17.6415, 19.5292



15.4866, 17.6415, 16.7763



17.4724, 17.6415, 23.5906

Square

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



15.4866, 17.6415, 16.7763



15.8954, 17.6415, 23.2268



18.1176, 17.6415, 21.8653



17.6714, 17.6415, 15.6828

Rectangle

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



15.4866, 17.6415, 16.7763



15.2880, 17.6415, 20.4868



18.1176, 17.6415, 21.8653



18.3400, 17.6415, 17.9846

Sweetspot

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



15.4871, 17.6423, 16.7767



30.1596, 32.4366, 34.0529



16.9972, 18.4269, 16.5708



7.0803, 7.6547, 7.9658



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.



15.4871, 17.6423, 16.7767



26.3648, 30.6072, 28.1420



15.8385, 17.7828, 18.6274



3.9623, 4.4545, 4.3351



7.3800, 14.6757, 2.7200



35.0732, 69.9523, 12.2894

Inverse Universe

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



16.3338, 15.8406, 19.6501



28.1654, 26.7757, 34.2526



15.9640, 15.6927, 17.7028



4.1418, 4.0724, 4.9444



11.5637, 5.6016, 16.7911



55.0180, 26.6635, 79.3479

Previews

White Background



This preview shows how the XYZ color 15.4866, 17.6415, 16.7763 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 15.4866, 17.6415, 16.7763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

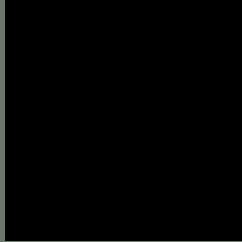
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

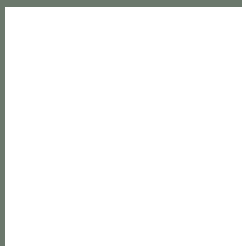
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4866, 17.6415, 16.7763

Background



This preview shows how black text looks on a background with the XYZ color 15.4866, 17.6415, 16.7763.

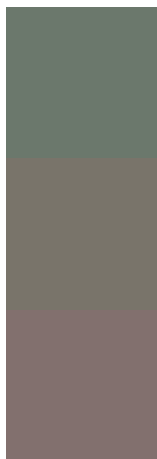


This preview shows how white text looks on a background with the XYZ color 15.4866, 17.6415,

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

15.4866, 17.6415, 16.7763

Protanopia

16.7321, 17.5963, 16.1502

Deuteranopia

17.8146, 17.4600, 17.1830



Tritanopia

16.6225, 17.5699, 22.5939

Trichromacy



Original Color

15.4866, 17.6415, 16.7763

Protanomaly

16.2176, 17.4971, 16.4324

Deuteranomaly

16.9171, 17.5032, 16.9548

Tritanomaly

16.1753, 17.5641, 20.3070

Monochromacy



Original Color

15.4866, 17.6415, 16.7763

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.9680, 17.3372, 17.8340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4866, 17.6415, 16.7763 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(107, 120, 108)` looks like.

```
.text, #text, p{  
    color:rgb(107, 120, 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(107, 120, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 120, 108) }
```

Border

The CSS property to change the border of an element to XYZ 15.4866, 17.6415, 16.7763 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(107, 120, 108) }
```


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

```
.border{ border-color:rgb(107, 120, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 120, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 120, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 120, 108);  
box-shadow:4px 4px 4px 4px rgb(107, 120,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4866, 17.6415, 16.7763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 120, 108) }
```

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

```
.background{ background-color: rgb(107,  
120, 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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