

Converting Colors

XYZ(15.2225, 16.7528, 17.5455)

Have a look what the booklet for
XYZ(15.2225, 16.7528, 17.5455)
contains.

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Color

**XYZ(15.1780, 16.7643,
17.4748)**

Conversions

Conversions Part 1

Format	Color
Hex	6B746F
RGB	107, 116, 111
RGB Percent	42%, 45%, 44%
CMY	0.5804, 0.5451, 0.5647
CMYK	0.08, 0.00, 0.04, 0.55
HSL	147°, 4%, 44%
HSV	147°, 8%, 45%
XYZ	15.1780, 16.7643, 17.4748
YIQ	112.7390, -3.7590, -3.4630

Conversions

Conversions Part 2

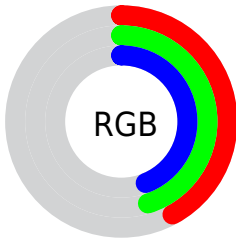
Format	Color
R_{YB}	107, 113, 116
Decimal	7042159
CIE Lab	47.96, -4.43, 1.59
CIE LCh	48, 4.708, 160.249
Yxy	16.7643, 0.3071, 0.3392
Android (android.graphics.Color)	4285232239 (0xFF6B746F)
YUV	112.7390, -0.8573, -5.0331
Hunter-Lab	40.9442, -5.4826, 3.3563

Details

The XYZ color **15.1780, 16.7643, 17.4748** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.3853, 15.3986, 17.4913**, and the grayscale version is **15.6224, 16.4359, 17.8987**.

A 20% lighter version of the original color is **34.7140, 37.9187, 40.1397**, and **4.8278, 5.4538, 5.5009** is the 20% darker color. If you saturate the color by 10%, you get **13.5337, 15.9567, 15.6118**, and if you desaturate by 10%, it is **17.0360, 17.6801, 19.4822**.

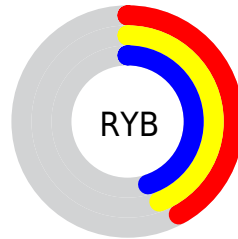
Distribution



Red (42%)

Green (45%)

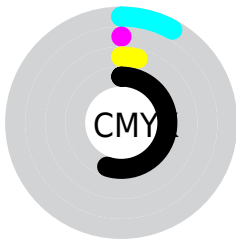
Blue (44%)



Red (42%)

Yellow (44%)

Blue (45%)

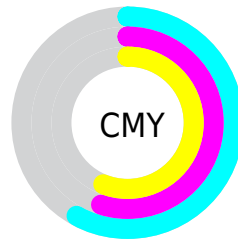


Cyan (8%)

Magenta (0%)

Yellow (4%)

Black (55%)



Cyan (58%)

Magenta (55%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1780, 16.7643, 17.4748 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 15.1780, 16.7643, 17.4748 by changing the saturation by 10% instead.

■ 15.1780, 16.7643,
17.4748

■ 15.1780, 16.7643,
17.4748

217.8082,
233.8104, 250.0298

■ 9.0315, 10.0666,
10.4081

■ 34.7342, 37.9201,
39.9421

■ 4.8190, 5.4431,
5.5612

■ 48.8747, 53.1469,
56.1798

■ 2.1751, 2.5095,
2.5157

■ 66.4106, 71.9856,
76.3115

■ 0.7296, 0.8814,
0.8485

■ 87.7072, 94.8205,
100.7558

■ 0.0000, 0.0000,
0.0000

113.1299,
122.0361, 129.9312

143.0441,

154.0167, 164.2563

177.8150,
191.1466, 204.1497

■ 15.1780, 16.7643,
17.4748

■ 15.1780, 16.7643,
17.4748

■ 13.5337, 15.9567,
15.6118

■ 17.0360, 17.6801,
19.4822

■ 12.0938, 15.2510,
13.8889

■ 19.1137, 18.7057,
21.6360

■ 10.8503, 14.6437,
12.3032

■ 21.4189, 19.8455,
23.9396

■ 9.7940, 14.1303,
10.8513

■ 23.9583, 21.1028,
26.3957

■ 8.9154, 13.7056,
9.5297

■ 26.7384, 22.4811,
29.0072

■ 8.2035, 13.3644,
8.3345

■ 29.7654, 23.9834,
31.7768

■ 7.6465, 13.1004,
7.2619

■ 33.0455, 25.6129,
34.7072

■ 7.2308, 12.9068,
6.3076

■ 36.5843, 27.3724,
37.8010

■ 6.9207, 12.7652,
5.4664

■ 40.3876, 29.2649,
41.0607

Harmonies

Analogous

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



15.4124, 16.7643, 16.5267



15.1780, 16.7643, 17.4748



15.1441, 16.7643, 18.6726

Triad

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



15.1780, 16.7643, 17.4748



16.0796, 16.7643, 20.6519



16.5651, 16.7643, 16.7843

Complementary

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



15.1780, 16.7643, 17.4748



15.3853, 15.3986, 17.4913

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.



16.7508, 16.7643, 17.8407



15.1780, 16.7643, 17.4748



16.4672, 16.7643, 20.0965

Square

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



15.1780, 16.7643, 17.4748



15.6597, 16.7643, 20.5433



16.7146, 16.7643, 19.0549



16.2114, 16.7643, 16.1405

Rectangle

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



15.1780, 16.7643, 17.4748



15.2392, 16.7643, 19.4566



16.7146, 16.7643, 19.0549



16.6495, 16.7643, 17.1010

Sweetspot

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



15.1785, 16.7650, 17.4752



28.4973, 30.3633, 32.6997



15.5947, 17.0045, 16.3703



6.8107, 7.2496, 7.8142



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.



15.1785, 16.7650, 17.4752



26.2324, 29.2483, 30.2203



15.4269, 16.8644, 18.7835



3.7020, 4.1227, 4.2645



7.6839, 14.2875, 5.8913



37.0266, 69.4579, 26.5087

Inverse Universe

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



15.3853, 15.3986, 17.4913



26.6607, 26.4193, 30.2536



15.1461, 15.3029, 16.2316



3.7612, 3.7317, 4.2691



9.1264, 4.5843, 5.8740



44.0377, 22.1652, 26.3258

Previews

White Background



This preview shows how the XYZ color 15.1780, 16.7643, 17.4748 looks on a white background.

Color Contrast Check

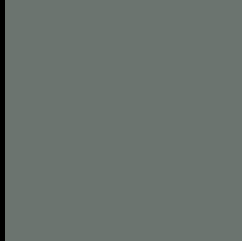
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1780, 16.7643, 17.4748 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

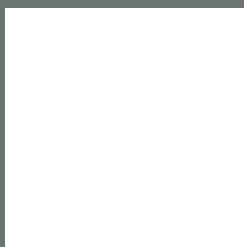
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1780, 16.7643, 17.4748

Background



This preview shows how black text looks on a background with the XYZ color 15.1780, 16.7643, 17.4748.



This preview shows how white text looks on a background with the XYZ color 15.1780, 16.7643,

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

15.1780, 16.7643, 17.4748

Protanopia

16.0016, 16.6963, 16.8473

Deuteranopia

16.9580, 16.6817, 17.6553



Tritanopia

15.8991, 16.7159, 21.1274

Trichromacy



Original Color

15.1780, 16.7643, 17.4748

Protanomaly

15.6418, 16.6711, 17.1453

Deuteranomaly

16.1900, 16.6097, 17.6819

Tritanomaly

15.6448, 16.7815, 19.8673

Monochromacy



Original Color

15.1780, 16.7643, 17.4748

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.4975, 16.5840, 17.7135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1780, 16.7643, 17.4748 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, 116, 111)` looks like.

```
.text, #text, p{  
    color:rgb(107, 116, 111)  
}
```

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, 116, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 116, 111) }
```

Border

The CSS property to change the border of an element to XYZ 15.1780, 16.7643, 17.4748 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, 116, 111) }
```


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

```
.border{ border-color:rgb(107, 116, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 116, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 116, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 116, 111);  
box-shadow:4px 4px 4px 4px rgb(107, 116,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1780, 16.7643, 17.4748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 116, 111) }
```

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

```
.background{ background-color: rgb(107,  
116, 111) }
```

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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