

Converting Colors

XYZ(15.7184, 17.3560, 16.8675)

Have a look what the booklet for
XYZ(15.7184, 17.3560, 16.8675)
contains.

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Color

**XYZ(15.7943, 17.4405,
17.0019)**

Conversions

Conversions Part 1

Format	Color
Hex	6F766D
RGB	111, 118, 109
RGB Percent	44%, 46%, 43%
CMY	0.5647, 0.5372, 0.5725
CMYK	0.06, 0.00, 0.08, 0.54
HSL	107°, 4%, 45%
HSV	107°, 8%, 46%
XYZ	15.7943, 17.4405, 17.0019
YIQ	114.8810, -1.2830, -4.2830

Conversions

Conversions Part 2

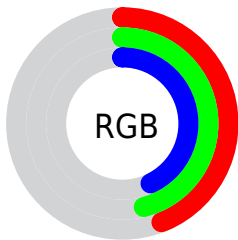
Format	Color
R_{YB}	109, 118, 116
Decimal	7304813
CIE _{Lab}	48.81, -4.47, 4.04
CIE _{LCh}	49, 6.025, 137.841
Yxy	17.4405, 0.3144, 0.3472
Android (android.graphics.Color)	4285494893 (0xFF6F766D)
YUV	114.8810, -2.8993, -3.4036
Hunter-Lab	41.7618, -5.5746, 5.0954

Details

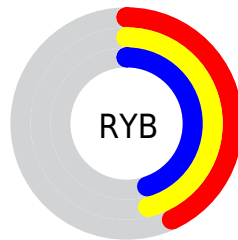
The XYZ color **15.7943, 17.4405, 17.0019** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.9418, 15.9588, 19.3806**, and the grayscale version is **16.2688, 17.1161, 18.6394**.

A 20% lighter version of the original color is **35.8241, 39.0740, 38.9116**, and **5.1096, 5.7849, 5.4047** is the 20% darker color. If you saturate the color by 10%, you get **14.1052, 16.6388, 13.8266**, and if you desaturate by 10%, it is **17.6884, 18.3391, 20.6328**.

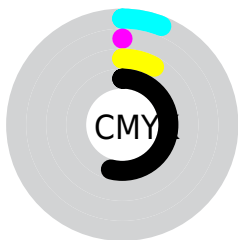
Distribution



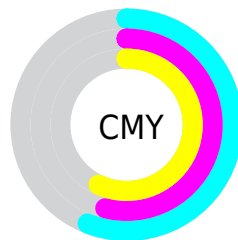
- Red (44%)
- Green (46%)
- Blue (43%)



- Red (43%)
- Yellow (46%)
- Blue (45%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (54%)



- Cyan (56%)
- Magenta (54%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7943, 17.4405, 17.0019 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 15.7943, 17.4405, 17.0019 by changing the saturation by 10% instead.

■ 15.7943, 17.4405,
17.0019

■ 15.7943, 17.4405,
17.0019

221.4192,
237.6982, 247.2277

■ 9.4686, 10.5491,
10.0739

■ 35.8011, 39.0816,
39.1197

■ 5.1076, 5.7645,
5.3417

■ 50.2129, 54.6001,
55.1466

■ 2.3460, 2.7024,
2.3869

■ 68.0508, 73.7630,
75.0436

■ 0.8180, 0.9784,
0.7793

■ 89.6801, 96.9547,
99.2291

■ 0.0000, 0.0000,
0.0000

115.4663,
124.5598, 128.1217

145.7746,

156.9624, 162.1400

180.9705,
194.5471, 201.7024

■ 15.7943, 17.4405,
17.0019

■ 15.7943, 17.4405,
17.0019

■ 14.1052, 16.6388,
13.8266

■ 17.6884, 18.3391,
20.6328

■ 12.6126, 15.9284,
11.0877

■ 19.7927, 19.3352,
24.7351

■ 11.3098, 15.3068,
8.7666

■ 22.1139, 20.4327,
29.3252

■ 10.1889, 14.7704,
6.8426

■ 24.6580, 21.6341,
34.4185

■ 9.2416, 14.3153,
5.2936

■ 27.4309, 22.9423,
40.0295

■ 8.4587, 13.9375,
4.0950

■ 30.4381, 24.3597,
46.1723

■ 7.8305, 13.6323,
3.2194

■ 33.6851, 25.8889,
52.8605

■ 7.3458, 13.3949,
2.6354

■ 37.1769, 27.5322,
60.1070

■ 6.9838, 13.2161,
2.2632

■ 40.9187, 29.2920,
67.9244

Harmonies

Analogous

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



16.2503, 17.4405, 16.2135



15.7943, 17.4405, 17.0019



15.5502, 17.4405, 18.3501

Triad

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



15.7943, 17.4405, 17.0019



16.3518, 17.4405, 22.1534



17.6187, 17.4405, 18.0642

Complementary

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



15.7943, 17.4405, 17.0019



15.9418, 15.9588, 19.3806

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.



17.6473, 17.4405, 19.6440



15.7943, 17.4405, 17.0019



16.9074, 17.4405, 22.0661

Square

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



15.7943, 17.4405, 17.0019



15.8672, 17.4405, 21.3588



17.3845, 17.4405, 21.1268



17.3070, 17.4405, 16.8027

Rectangle

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



15.7943, 17.4405, 17.0019



15.5368, 17.4405, 19.4119



17.3845, 17.4405, 21.1268



17.6620, 17.4405, 18.5738

Sweetspot

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



15.7948, 17.4412, 17.0023



29.5835, 31.5255, 33.3547



16.4661, 17.4242, 16.9636



6.8139, 7.2540, 7.6923



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.



15.7948, 17.4412, 17.0023



27.2733, 30.4297, 28.9504



15.6770, 17.3654, 17.6807



3.7097, 4.1338, 3.9447



7.4658, 14.2531, 2.3576



35.7586, 69.1360, 11.4599

Inverse Universe

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



15.9418, 15.9588, 19.3806



27.5825, 27.3102, 33.9546



16.0696, 16.0409, 18.6512



3.7509, 3.7189, 4.6104



8.2786, 3.8591, 18.8511



39.5860, 18.4158, 91.8285

Previews

White Background



This preview shows how the XYZ color 15.7943, 17.4405, 17.0019 looks on a white background.

Color Contrast Check

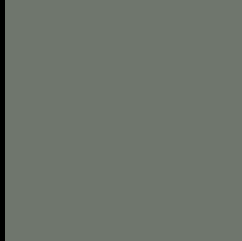
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7943, 17.4405, 17.0019 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

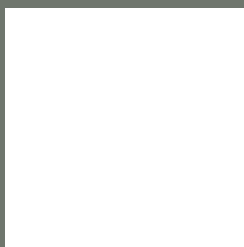
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.7943, 17.4405, 17.0019

Background



This preview shows how black text looks on a background with the XYZ color 15.7943, 17.4405, 17.0019.



This preview shows how white text looks on a background with the XYZ color 15.7943, 17.4405,

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

15.7943, 17.4405, 17.0019

Protanopia

16.5832, 17.3372, 16.6598

Deuteranopia

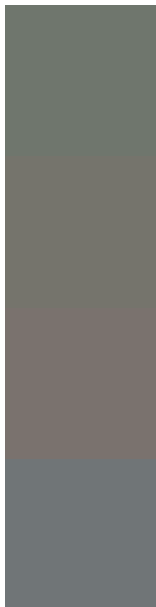
17.6619, 17.3813, 17.1759



Tritanopia

16.7571, 17.4822, 21.8932

Trichromacy



Original Color

15.7943, 17.4405, 17.0019

Protanomaly

16.2883, 17.3554, 16.6788

Deuteranomaly

16.8578, 17.2980, 17.2022

Tritanomaly

16.3732, 17.4992, 19.9675

Monochromacy



Original Color

15.7943, 17.4405, 17.0019

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.1655, 17.2604, 18.1024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7943, 17.4405, 17.0019 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(111, 118, 109)` looks like.

```
.text, #text, p{  
    color:rgb(111, 118, 109)  
}
```

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(111, 118, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 118, 109) }
```

Border

The CSS property to change the border of an element to XYZ 15.7943, 17.4405, 17.0019 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(111, 118, 109) }
```


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

```
.border{ border-color:rgb(111, 118, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 118, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 118, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 118, 109);  
box-shadow:4px 4px 4px 4px rgb(111, 118,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7943, 17.4405, 17.0019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 118, 109) }
```

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

```
.background{ background-color: rgb(111,  
118, 109) }
```

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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