

Converting Colors

XYZ(15.9248, 17.7296, 17.1753)

Have a look what the booklet for
XYZ(15.9248, 17.7296, 17.1753)
contains.

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Color

**XYZ(15.9127, 17.6773,
17.0414)**

Conversions

Conversions Part 1

Format	Color
Hex	6F776D
RGB	111, 119, 109
RGB Percent	44%, 47%, 43%
CMY	0.5647, 0.5333, 0.5725
CMYK	0.07, 0.00, 0.08, 0.53
HSL	108°, 4%, 45%
HSV	108°, 8%, 47%
XYZ	15.9127, 17.6773, 17.0414
YIQ	115.4680, -1.5580, -4.8060

Conversions

Conversions Part 2

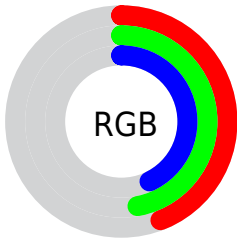
Format	Color
R_{YB}	109, 119, 117
Decimal	7305069
CIE Lab	49.10, -5.04, 4.46
CIE LCh	49, 6.732, 138.467
Yxy	17.6773, 0.3143, 0.3491
Android (android.graphics.Color)	4285495149 (0xFF6F776D)
YUV	115.4680, -3.1887, -3.9184
Hunter-Lab	42.0444, -6.0201, 5.3997

Details

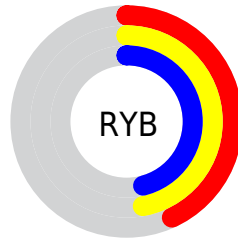
The XYZ color **15.9127, 17.6773, 17.0414** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.1353, 16.0516, 19.7015**, and the grayscale version is **16.4481, 17.3047, 18.8448**.

A 20% lighter version of the original color is **36.0123, 39.4504, 38.9743**, and **5.1726, 5.9110, 5.4257** is the 20% darker color. If you saturate the color by 10%, you get **14.1802, 16.8538, 13.8396**, and if you desaturate by 10%, it is **17.8606, 18.6029, 20.7068**.

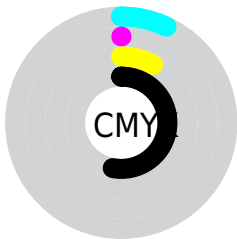
Distribution



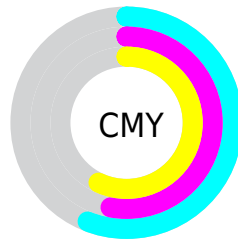
- Red (44%)
- Green (47%)
- Blue (43%)



- Red (43%)
- Yellow (47%)
- Blue (46%)



- Cyan (7%)
- Magenta (0%)
- Yellow (8%)
- Black (53%)



- Cyan (56%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9127, 17.6773, 17.0414 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 15.9127, 17.6773, 17.0414 by changing the saturation by 10% instead.

■ 15.9127, 17.6773,
17.0414

■ 15.9127, 17.6773,
17.0414

222.1066,
239.0458, 247.4629

■ 9.5529, 10.7186,
10.1017

■ 36.0053, 39.4867,
39.1886

■ 5.1635, 5.8779,
5.3600

■ 50.4687, 55.1061,
55.2332

■ 2.3792, 2.7710,
2.3976

■ 68.3640, 74.3812,
75.1498

■ 0.8348, 1.0134,
0.7851

■ 90.0566, 97.6964,
99.3571

■ 0.0000, 0.0000,
0.0000

115.9118,
125.4361, 128.2735

146.2949,

157.9846, 162.3175

181.5714,
195.7264, 201.9078

■ 15.9127, 17.6773,
17.0414

■ 15.9127, 17.6773,
17.0414

■ 14.1802, 16.8538,
13.8396

■ 17.8606, 18.6029,
20.7068

■ 12.6543, 16.1266,
11.0819

■ 20.0296, 19.6315,
24.8521

■ 11.3276, 15.4929,
8.7490

■ 22.4269, 20.7671,
29.4942

■ 10.1916, 14.9488,
6.8198

■ 25.0590, 22.0127,
34.6486

■ 9.2374, 14.4902,
5.2713

■ 27.9320, 23.3710,
40.3306

■ 8.4552, 14.1125,
4.0784

■ 31.0520, 24.8449,
46.5544

■ 7.8342, 13.8109,
3.2126

■ 34.4247, 26.4370,
53.3339

■ 7.3625, 13.5799,
2.6415

■ 38.0556, 28.1499,
60.6825

■ 7.0162, 13.4092,
2.2730

■ 41.9502, 29.9861,
68.6129

Harmonies

Analogous

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



16.4216, 17.6773, 16.1460



15.9127, 17.6773, 17.0414



15.6446, 17.6773, 18.5634

Triad

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



15.9127, 17.6773, 17.0414



16.5611, 17.6773, 22.8441



17.9750, 17.6773, 18.1713

Complementary

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



15.9127, 17.6773, 17.0414



16.1353, 16.0516, 19.7015

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.



18.0146, 17.6773, 19.9483



15.9127, 17.6773, 17.0414



17.1877, 17.6773, 22.7228

Square

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



15.9127, 17.6773, 17.0414



16.0126, 17.6773, 21.9581



17.7233, 17.6773, 21.6364



17.6164, 17.6773, 16.7698

Rectangle

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



15.9127, 17.6773, 17.0414



15.6338, 17.6773, 19.7620



17.7233, 17.6773, 21.6364



18.0264, 17.6773, 18.7422

Sweetspot

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



15.9132, 17.6781, 17.0418



30.3041, 32.5145, 33.9073



16.7301, 17.7495, 17.0125



7.1222, 7.6773, 7.9236



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.



15.9132, 17.6781, 17.0418



27.8922, 31.3685, 29.3937



15.8287, 17.6155, 17.8956



3.7027, 4.1302, 3.9443



7.3967, 14.2175, 2.3544



35.4681, 68.9862, 11.4463

Inverse Universe

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



16.1353, 16.0516, 19.7015



28.3715, 27.8577, 35.1348



16.2294, 16.1207, 18.7799



3.7584, 3.7228, 4.6107



8.5670, 4.0078, 18.8646



41.0423, 19.1666, 91.8966

Previews

White Background



This preview shows how the XYZ color 15.9127, 17.6773, 17.0414 looks on a white background.

Color Contrast Check

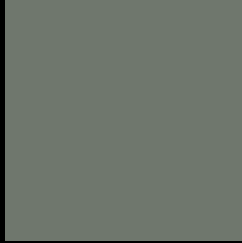
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9127, 17.6773, 17.0414 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

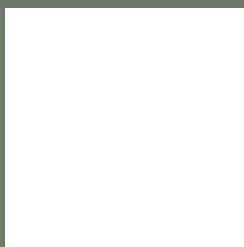
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9127, 17.6773, 17.0414

Background



This preview shows how black text looks on a background with the XYZ color 15.9127, 17.6773, 17.0414.

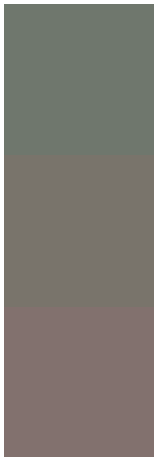


This preview shows how white text looks on a background with the XYZ color 15.9127, 17.6773,

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

15.9127, 17.6773, 17.0414

Protanopia

16.7844, 17.6173, 16.4258

Deuteranopia

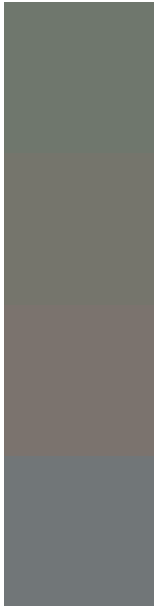
17.9255, 17.6819, 17.2200



Tritanopia

17.0666, 17.8063, 22.2761

Trichromacy



Original Color

15.9127, 17.6773, 17.0414

Protanomaly

16.4042, 17.5872, 16.7174

Deuteranomaly

17.1136, 17.5982, 17.2467

Tritanomaly

16.6787, 17.8236, 20.3305

Monochromacy



Original Color

15.9127, 17.6773, 17.0414

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 15.9127, 17.6773, 17.0414 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, 119, 109)` looks like.

```
.text, #text, p{  
    color:rgb(111, 119, 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, 119, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 119, 109) }
```

Border

The CSS property to change the border of an element to XYZ 15.9127, 17.6773, 17.0414 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, 119, 109) }
```


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

```
.border{ border-color:rgb(111, 119, 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, 119, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 119, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 119, 109);  
box-shadow:4px 4px 4px 4px rgb(111, 119,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9127, 17.6773, 17.0414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 119, 109) }
```

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

```
.background{ background-color: rgb(111,  
119, 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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