

Converting Colors

XYZ(15.8206, 16.1027, 19.1968)

Have a look what the booklet for
XYZ(15.8206, 16.1027, 19.1968)
contains.

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Color

**XYZ(15.7262, 16.0136,
19.0917)**

Conversions

Conversions Part 1

Format	Color
Hex	726E75
RGB	114, 110, 117
RGB Percent	45%, 43%, 46%
CMY	0.5529, 0.5686, 0.5412
CMYK	0.03, 0.06, 0.00, 0.54
HSL	274°, 3%, 45%
HSV	274°, 6%, 46%
XYZ	15.7262, 16.0136, 19.0917
YIQ	111.9940, 0.1370, 3.0250

Conversions

Conversions Part 2

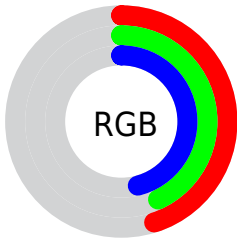
Format	Color
R_{YB}	114, 110, 117
Decimal	7499381
CIE Lab	46.99, 2.97, -3.33
CIE LCh	47, 4.468, 311.739
Yxy	16.0136, 0.3094, 0.3150
Android (android.graphics.Color)	4285689461 (0xFF726E75)
YUV	111.9940, 2.4680, 1.7593
Hunter-Lab	40.0170, 0.1186, -0.2748

Details

The XYZ color **15.7262, 16.0136, 19.0917** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.9865, 17.3595, 17.2608**, and the grayscale version is **15.3927, 16.1943, 17.6356**.

A 20% lighter version of the original color is **35.8076, 36.8122, 42.7543**, and **5.0985, 5.1429, 6.3542** is the 20% darker color. If you saturate the color by 10%, you get **13.9117, 13.3267, 18.6690**, and if you desaturate by 10%, it is **17.7441, 19.0537, 19.5724**.

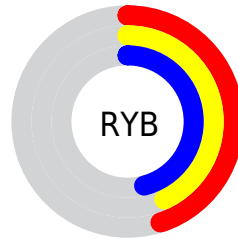
Distribution



Red (45%)

Green (43%)

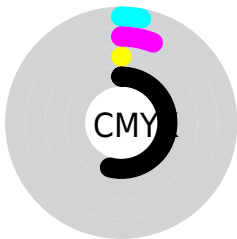
Blue (46%)



Red (45%)

Yellow (43%)

Blue (46%)

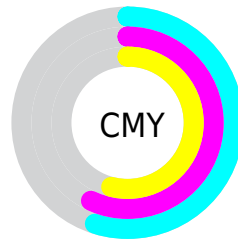


Cyan (3%)

Magenta (6%)

Yellow (0%)

Black (54%)



Cyan (55%)

Magenta (57%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7262, 16.0136, 19.0917 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 15.7262, 16.0136, 19.0917 by changing the saturation by 10% instead.

■ 15.7262, 16.0136,
19.0917

■ 15.7262, 16.0136,
19.0917

221.0229,
229.4220, 259.3941

■ 9.4202, 9.5338,
11.5591

■ 35.6835, 36.6218,
42.7278

■ 5.0756, 5.0910,
6.3253

■ 50.0656, 51.5190,
59.6683

■ 2.3269, 2.3007,
2.9719

■ 67.8704, 69.9907,
80.5818

■ 0.8084, 0.7741,
1.0803

■ 89.4633, 92.4215,
105.8869

■ 0.0000, 0.0000,
0.0000

115.2096,
119.1956, 136.0022

145.4748,

150.6974, 171.3461

180.6241,
187.3114, 212.3372

■ 15.7262, 16.0136,
19.0917

■ 15.7262, 16.0136,
19.0917

■ 13.9117, 13.3267,
18.6690

■ 17.7441, 19.0537,
19.5724

■ 12.2922, 10.9777,
18.3009

■ 19.9707, 22.4575,
20.1120

■ 10.8607, 8.9532,
17.9856

■ 22.4128, 26.2377,
20.7130

■ 9.6091, 7.2381,
17.7205

■ 25.0766, 30.4055,
21.3770

■ 8.5289, 5.8160,
17.5029

■ 27.9678, 34.9718,
22.1060

7.6105, 4.6690,
17.3300

31.0920, 39.9472,
22.9017

6.8436, 3.7771,
17.1982

34.4547, 45.3416,
23.7657

6.2163, 3.1177,
17.1040

38.0610, 51.1647,
24.6996

5.7059, 2.6463,
17.0399

41.9160, 57.4260,
25.7050

Harmonies

Analogous

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



15.3738, 16.0136, 19.6291



15.7262, 16.0136, 19.0917



15.9452, 16.0136, 18.1191

Triad

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



15.7262, 16.0136, 19.0917



15.4571, 16.0136, 15.4712



14.4965, 16.0136, 17.8776

Complementary

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



15.7262, 16.0136, 19.0917



15.9865, 17.3595, 17.2608

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.



14.5180, 16.0136, 16.7704



15.7262, 16.0136, 19.0917



15.0681, 16.0136, 15.4128

Square

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



15.7262, 16.0136, 19.0917



15.7881, 16.0136, 16.0423



14.7257, 16.0136, 15.8791



14.6666, 16.0136, 18.9084

Rectangle

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



15.7262, 16.0136, 19.0917



15.9839, 16.0136, 17.3709



14.7257, 16.0136, 15.8791



14.4817, 16.0136, 17.5015

Sweetspot

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



15.7267, 16.0143, 19.0920



29.5371, 30.7388, 34.5134



15.5508, 16.4177, 19.1792



6.8041, 7.0870, 7.9383



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.



15.7267, 16.0143, 19.0920



27.7527, 28.0664, 34.0916



16.0960, 16.2079, 18.9665



3.7644, 3.8058, 4.6264



6.0579, 2.7143, 18.7472



28.5255, 12.7139, 91.3109

Inverse Universe

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



15.8933, 16.1268, 17.8988



28.1103, 28.3076, 31.5375



15.6322, 17.1740, 17.3772



3.8132, 3.8388, 4.2775



8.7135, 4.4191, 3.6992



42.0498, 21.3701, 15.8577

Previews

White Background



This preview shows how the XYZ color 15.7262, 16.0136, 19.0917 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 15.7262, 16.0136, 19.0917 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

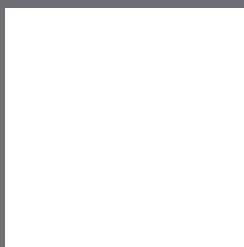
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.7262, 16.0136, 19.0917

Background



This preview shows how black text looks on a background with the XYZ color 15.7262, 16.0136, 19.0917.



This preview shows how white text looks on a background with the XYZ color 15.7262, 16.0136,

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

15.7262, 16.0136, 19.0917

Protanopia

15.5774, 16.0980, 19.1158

Deuteranopia

16.1812, 15.9314, 19.0519



Tritanopia

15.7854, 16.0373, 19.4031

Trichromacy



Original Color

15.7262, 16.0136, 19.0917

Protanomaly

15.7054, 16.1639, 19.1218

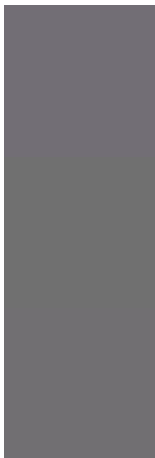
Deuteranomaly

16.0156, 16.0035, 19.0745

Tritanomaly

15.7854, 16.0373, 19.4031

Monochromacy



Original Color

15.7262, 16.0136, 19.0917

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.5318, 16.0945, 18.2075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7262, 16.0136, 19.0917 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(114, 110, 117)` looks like.

```
.text, #text, p{  
    color:rgb(114, 110, 117)  
}
```

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(114, 110, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 110, 117) }
```

Border

The CSS property to change the border of an element to XYZ 15.7262, 16.0136, 19.0917 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(114, 110, 117) }
```


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

```
.border{ border-color:rgb(114, 110, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 110, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 110, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 110, 117);  
box-shadow:4px 4px 4px 4px rgb(114, 110,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7262, 16.0136, 19.0917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 110, 117) }
```

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

```
.background{ background-color: rgb(114,  
110, 117) }
```

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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