

Converting Colors

XYZ(16.6760, 16.5697, 18.9057)

Have a look what the booklet for
XYZ(16.6760, 16.5697, 18.9057)
contains.

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Color

**XYZ(16.6135, 16.4778,
18.8279)**

Conversions

Conversions Part 1

Format	Color
Hex	796E74
RGB	121, 110, 116
RGB Percent	47%, 43%, 45%
CMY	0.5255, 0.5686, 0.5451
CMYK	0.00, 0.09, 0.04, 0.53
HSL	327°, 5%, 45%
HSV	327°, 9%, 47%
XYZ	16.6135, 16.4778, 18.8279
YIQ	113.9730, 4.6300, 4.1980

Conversions

Conversions Part 2

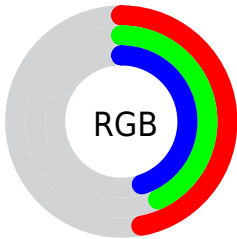
Format	Color
R _Y B	121, 110, 116
Decimal	7958132
CIE Lab	47.60, 5.44, -1.78
CIE LCh	48, 5.727, 341.926
Yxy	16.4778, 0.3200, 0.3174
Android (android.graphics.Color)	4286148212 (0xFF796E74)
YUV	113.9730, 0.9993, 6.1627
Hunter-Lab	40.5929, 2.0175, 0.9149

Details

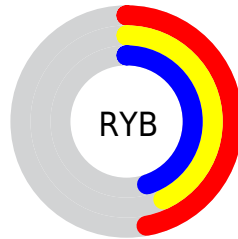
The XYZ color **16.6135, 16.4778, 18.8279** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.3630, 18.2280, 18.8766**, and the grayscale version is **15.9827, 16.8150, 18.3115**.

A 20% lighter version of the original color is **37.2218, 37.5521, 42.3323**, and **5.4385, 5.2403, 6.1937** is the 20% darker color. If you saturate the color by 10%, you get **15.0856, 13.9189, 16.7864**, and if you desaturate by 10%, it is **18.3396, 19.4023, 21.0294**.

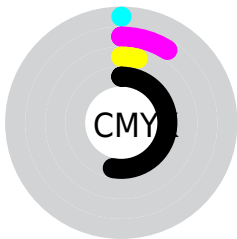
Distribution



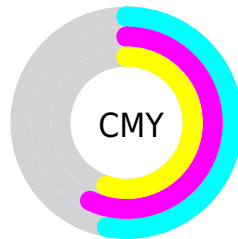
- Red (47%)
- Green (43%)
- Blue (45%)



- Red (47%)
- Yellow (43%)
- Blue (45%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (53%)



- Cyan (53%)
- Magenta (57%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6135, 16.4778, 18.8279 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 16.6135, 16.4778, 18.8279 by changing the saturation by 10% instead.

■ 16.6135, 16.4778,
18.8279

■ 16.6135, 16.4778,
18.8279

226.1351,
232.1448, 257.8880

■ 10.0529, 9.8629,
11.3704

■ 37.2090, 37.4257,
42.2759

■ 5.4966, 5.3081,
6.1993

■ 51.9745, 52.5275,
59.1035

■ 2.5792, 2.4292,
2.8959

■ 70.2058, 71.2271,
79.8916

■ 0.9354, 0.8408,
1.0417

■ 92.2681, 93.9088,
105.0587

■ 0.0000, 0.0000,
0.0000

118.5268,
120.9570, 135.0234

149.3473,

152.7561, 170.2041

185.0950,
189.6906, 211.0195

■ 16.6135, 16.4778,
18.8279

■ 16.6135, 16.4778,
18.8279

■ 15.0856, 13.9189,
16.7864

■ 18.3396, 19.4023,
21.0294

■ 13.7471, 11.7091,
14.8997

■ 20.2695, 22.7038,
23.3938

■ 12.5902, 9.8334,
13.1638

■ 22.4105, 26.3962,
25.9251

■ 11.6066, 8.2753,
11.5742

■ 24.7689, 30.4917,
28.6270

■ 10.7867, 7.0167,
10.1261

■ 27.3510, 35.0022,
31.5030

10.1205, 6.0378,
8.8143

30.1626, 39.9389,
34.5564

9.5964, 5.3161,
7.6329

33.2093, 45.3127,
37.7907

9.2012, 4.8258,
6.5758

36.4967, 51.1341,
41.2089

8.8951, 4.4881,
5.6277

40.0299, 57.4132,
44.8142

Harmonies

Analogous

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



16.3268, 16.4778, 20.1155



16.6135, 16.4778, 18.8279



16.6419, 16.4778, 17.3668

Triad

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



16.6135, 16.4778, 18.8279



15.4597, 16.4778, 15.3291



14.9426, 16.4778, 19.8863

Complementary

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



16.6135, 16.4778, 18.8279



16.3630, 18.2280, 18.8766

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.



14.7207, 16.4778, 18.5288



16.6135, 16.4778, 18.8279



15.0149, 16.4778, 15.9301

Square

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



16.6135, 16.4778, 18.8279



15.9682, 16.4778, 15.3994



14.7469, 16.4778, 17.0834



15.3591, 16.4778, 20.7490

Rectangle

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



16.6135, 16.4778, 18.8279



16.5096, 16.4778, 16.4955



14.7469, 16.4778, 17.0834



14.8432, 16.4778, 19.4697

Sweetspot

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



16.6140, 16.4785, 18.8283



31.5660, 32.5771, 36.0518



16.0914, 16.1746, 20.3633



7.1666, 7.3624, 8.1784



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.



16.6140, 16.4785, 18.8283



29.1229, 28.4515, 32.8926



16.3062, 16.3554, 17.2077



4.0812, 4.0482, 4.6252



9.4979, 4.7753, 5.9127



44.8720, 22.6051, 25.9198

Inverse Universe

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



16.6140, 16.4785, 18.8283



29.1229, 28.4515, 32.8926



16.6859, 18.3572, 20.5770



4.0812, 4.0482, 4.6252



9.4979, 4.7753, 5.9127



44.8720, 22.6051, 25.9198

Previews

White Background



This preview shows how the XYZ color 16.6135, 16.4778, 18.8279 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 16.6135, 16.4778, 18.8279 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 16.6135, 16.4778, 18.8279

Background



This preview shows how black text looks on a background with the XYZ color 16.6135, 16.4778, 18.8279.



This preview shows how white text looks on a background with the XYZ color 16.6135, 16.4778,

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

16.6135, 16.4778, 18.8279

Protanopia

15.9445, 16.4501, 19.1644

Deuteranopia

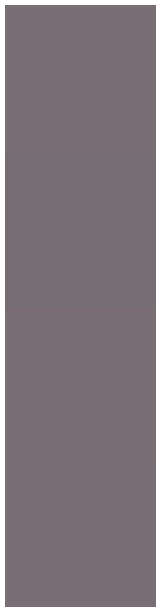
16.6471, 16.3358, 18.7987



Tritanopia

16.7311, 16.5248, 19.4473

Trichromacy



Original Color

16.6135, 16.4778, 18.8279

Protanomaly

16.2314, 16.4351, 19.1464

Deuteranomaly

16.6471, 16.3358, 18.7987

Tritanomaly

16.6720, 16.5012, 19.1360

Monochromacy



Original Color

16.6135, 16.4778, 18.8279

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.3358, 16.8300, 18.6072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6135, 16.4778, 18.8279 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(121, 110, 116)` looks like.

```
.text, #text, p{  
    color:rgb(121, 110, 116)  
}
```

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(121, 110, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 110, 116) }
```

Border

The CSS property to change the border of an element to XYZ 16.6135, 16.4778, 18.8279 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(121, 110, 116) }
```


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

```
.border{ border-color:rgb(121, 110, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 110, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 110, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 110, 116);  
box-shadow:4px 4px 4px 4px rgb(121, 110,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6135, 16.4778, 18.8279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 110, 116) }
```

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

```
.background{ background-color: rgb(121,  
110, 116) }
```

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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