

Converting Colors

XYZ(16.8847, 16.6865, 17.6322)

Have a look what the booklet for
XYZ(16.8847, 16.6865, 17.6322)
contains.

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Color

**XYZ(16.8127, 16.6068,
17.6485)**

Conversions

Conversions Part 1

Format	Color
Hex	7C6E70
RGB	124, 110, 112
RGB Percent	49%, 43%, 44%
CMY	0.5137, 0.5686, 0.5608
CMYK	0.00, 0.11, 0.10, 0.51
HSL	351°, 6%, 46%
HSV	351°, 11%, 49%
XYZ	16.8127, 16.6068, 17.6485
YIQ	114.4140, 7.7020, 3.5900

Conversions

Conversions Part 2

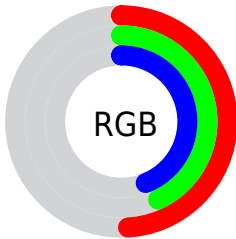
Format	Color
R_{YB}	124, 110, 112
Decimal	8154736
CIE _{Lab}	47.76, 5.84, 0.89
CIE _{LCh}	48, 5.911, 8.617
Yxy	16.6068, 0.3292, 0.3252
Android (android.graphics.Color)	4286344816 (0xFF7C6E70)
YUV	114.4140, -1.1901, 8.4069
Hunter-Lab	40.7514, 2.3282, 2.8489

Details

The XYZ color **16.8127, 16.6068, 17.6485** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.1515, 19.1358, 21.2029**, and the grayscale version is **16.1208, 16.9604, 18.4699**.

A 20% lighter version of the original color is **37.7526, 37.8681, 40.4415**, and **5.5497, 5.3113, 5.5832** is the 20% darker color. If you saturate the color by 10%, you get **15.0100, 13.8933, 14.2978**, and if you desaturate by 10%, it is **18.8735, 19.7243, 21.4305**.

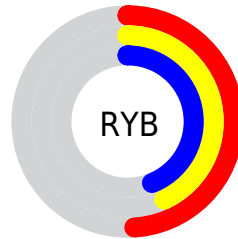
Distribution



Red (49%)

Green (43%)

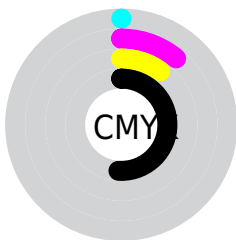
Blue (44%)



Red (49%)

Yellow (43%)

Blue (44%)

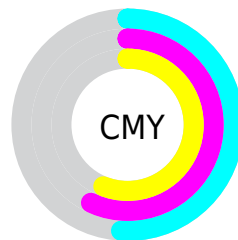


Cyan (0%)

Magenta (11%)

Yellow (10%)

Black (51%)



Cyan (51%)

Magenta (57%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8127, 16.6068, 17.6485 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 16.8127, 16.6068, 17.6485 by changing the saturation by 10% instead.

■ 16.8127, 16.6068,
17.6485

■ 16.8127, 16.6068,
17.6485

227.2680,
232.8962, 251.0515

■ 10.1955, 9.9545,
10.5311

■ 37.5496, 37.6485,
40.2433

■ 5.5920, 5.3688,
5.6423

■ 52.4001, 52.8067,
56.5577

■ 2.6369, 2.4653,
2.5636

■ 70.7257, 71.5690,
76.7750

■ 0.9648, 0.8592,
0.8736

■ 92.8917, 94.3199,
101.3135

■ 0.0000, 0.0000,
0.0000

119.2637,
121.4436, 130.5919

150.2068,

153.3246, 165.0286

186.0865,
190.3474, 205.0423

■ 16.8127, 16.6068,
17.6485

■ 16.8127, 16.6068,
17.6485

■ 15.0100, 13.8933,
14.2978

■ 18.8735, 19.7243,
21.4305

■ 13.4539, 11.5650,
11.3619

■ 21.2005, 23.2589,
25.6572

■ 12.1339, 9.6052,
8.8250

■ 23.8034, 27.2262,
30.3430

■ 11.0384, 7.9949,
6.6698

■ 26.6907, 31.6400,
35.5009

■ 10.1548, 6.7135,
4.8777

■ 29.8709, 36.5136,
41.1439

■ 9.4692, 5.7382,
3.4284

■ 33.3517, 41.8600,
47.2841

■ 8.9659, 5.0433,
2.2999

■ 37.1409, 47.6912,
53.9333

■ 8.6270, 4.5989,
1.4673

■ 41.2458, 54.0192,
61.1030

■ 8.4189, 4.3278,
0.9509

■ 45.6735, 60.8554,
68.8042

Harmonies

Analogous

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



16.7517, 16.6068, 19.1663



16.8127, 16.6068, 17.6485



16.5934, 16.6068, 16.3221

Triad

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



16.8127, 16.6068, 17.6485



15.1572, 16.6068, 15.8976



15.4159, 16.6068, 20.9360

Complementary

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



16.8127, 16.6068, 17.6485



17.1515, 19.1358, 21.2029

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.



15.0019, 16.6068, 19.9640



16.8127, 16.6068, 17.6485



14.8549, 16.6068, 17.0393

Square

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



16.8127, 16.6068, 17.6485



15.6322, 16.6068, 15.3489



14.7986, 16.6068, 18.5225



15.9373, 16.6068, 21.1216

Rectangle

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



16.8127, 16.6068, 17.6485



16.3205, 16.6068, 15.7046



14.7986, 16.6068, 18.5225



15.2599, 16.6068, 20.6879

Sweetspot

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



16.8132, 16.6075, 17.6489



32.5323, 33.6787, 36.4691



17.2264, 16.7381, 21.3917



7.5974, 7.8342, 8.4711



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.8132, 16.6075, 17.6489



28.5740, 27.6974, 29.1835



17.2465, 17.6501, 17.2506



4.0195, 4.0235, 4.3002



8.5580, 4.3993, 0.9631



40.6269, 20.9071, 3.5653

Inverse Universe

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



16.8132, 16.6075, 17.6489



28.5740, 27.6974, 29.1835



16.6778, 17.9882, 21.6619



4.0195, 4.0235, 4.3002



8.5580, 4.3993, 0.9631



40.6269, 20.9071, 3.5653

Previews

White Background



This preview shows how the XYZ color 16.8127, 16.6068, 17.6485 looks on a white background.

Color Contrast Check

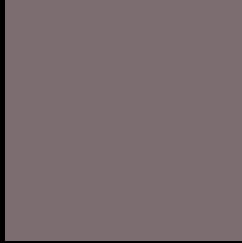
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.8127, 16.6068, 17.6485 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 16.8127, 16.6068, 17.6485

Background



This preview shows how black text looks on a background with the XYZ color 16.8127, 16.6068, 17.6485.



This preview shows how white text looks on a background with the XYZ color 16.8127, 16.6068,

17.6485.

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

16.8127, 16.6068, 17.6485

Protanopia

16.0126, 16.6700, 18.2933

Deuteranopia

16.9580, 16.6817, 17.6553



Tritanopia

17.1961, 16.6053, 19.4383

Trichromacy



Original Color

16.8127, 16.6068, 17.6485

Protanomaly

16.2460, 16.6321, 17.9769

Deuteranomaly

16.9580, 16.6817, 17.6553

Tritanomaly

17.0785, 16.5582, 18.8189

Monochromacy



Original Color

16.8127, 16.6068, 17.6485

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.3570, 16.8541, 18.0138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8127, 16.6068, 17.6485 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(124, 110, 112)` looks like.

```
.text, #text, p{  
    color:rgb(124, 110, 112)  
}
```

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(124, 110, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 110, 112) }
```

Border

The CSS property to change the border of an element to XYZ 16.8127, 16.6068, 17.6485 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(124, 110, 112) }
```


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

```
.border{ border-color:rgb(124, 110, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 110, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 110, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 110, 112);  
box-shadow:4px 4px 4px 4px rgb(124, 110,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8127, 16.6068, 17.6485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 110, 112) }
```

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

```
.background{ background-color: rgb(124,  
110, 112) }
```

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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