

Converting Colors

XYZ(16.0502, 17.8911, 17.4342)

Have a look what the booklet for
XYZ(16.0502, 17.8911, 17.4342)
contains.

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Color

**XYZ(16.0865, 17.9382,
17.3664)**

Conversions

Conversions Part 1

Format	Color
Hex	6F786E
RGB	111, 120, 110
RGB Percent	44%, 47%, 43%
CMY	0.5647, 0.5294, 0.5686
CMYK	0.08, 0.00, 0.08, 0.53
HSL	114°, 4%, 45%
HSV	114°, 8%, 47%
XYZ	16.0865, 17.9382, 17.3664
YIQ	116.1690, -2.1540, -5.0180

Conversions

Conversions Part 2

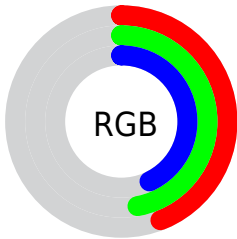
Format	Color
R_{YB}	110, 120, 119
Decimal	7305326
CIE _{Lab}	49.42, -5.41, 4.33
CIE _{LCh}	49, 6.934, 141.330
Yxy	17.9382, 0.3130, 0.3491
Android (android.graphics.Color)	4285495406 (0xFF6F786E)
YUV	116.1690, -3.0413, -4.5332
Hunter-Lab	42.3535, -6.3217, 5.3365

Details

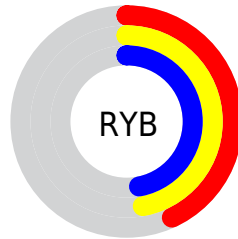
The XYZ color **16.0865, 17.9382, 17.3664** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.5744, 16.4303, 20.0679**, and the grayscale version is **16.6622, 17.5299, 19.0901**.

A 20% lighter version of the original color is **36.3784, 39.9002, 39.9666**, and **5.2368, 6.0393, 5.4471** is the 20% darker color. If you saturate the color by 10%, you get **14.1992, 17.0362, 14.0954**, and if you desaturate by 10%, it is **18.2276, 18.9618, 21.1120**.

Distribution



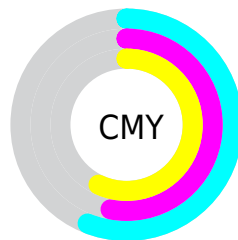
- Red (44%)
- Green (47%)
- Blue (43%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0865, 17.9382, 17.3664 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 16.0865, 17.9382, 17.3664 by changing the saturation by 10% instead.

■ 16.0865, 17.9382,
17.3664

■ 16.0865, 17.9382,
17.3664

223.1120,
240.5225, 249.3901

■ 9.6766, 10.9056,
10.3314

■ 36.3045, 39.9320,
39.7539

■ 5.2457, 6.0034,
5.5107

■ 50.8434, 55.6620,
55.9435

■ 2.4284, 2.8472,
2.4860

■ 68.8227, 75.0599,
76.0216

■ 0.8593, 1.0525,
0.8327

■ 90.6076, 98.5102,
100.4069

■ 0.0000, 0.0000,
0.0000

116.5637,
126.3972, 129.5179

147.0562,

159.1053, 163.7730

182.4505,
197.0189, 203.5909

■ 16.0865, 17.9382,
17.3664

■ 16.0865, 17.9382,
17.3664

■ 14.1992, 17.0362,
14.0954

■ 18.2276, 18.9618,
21.1120

■ 12.5549, 16.2492,
11.2789

■ 20.6300, 20.1090,
25.3489

■ 11.1441, 15.5732,
8.8971

■ 23.3026, 21.3845,
30.0943

■ 9.9563, 15.0032,
6.9285

■ 26.2534, 22.7921,
35.3642

■ 8.9799, 14.5337,
5.3496

■ 29.4902, 24.3355,
41.1742

■ 8.2024, 14.1590,
4.1343

■ 33.0203, 26.0181,
47.5389

■ 7.6100, 13.8725,
3.2538

■ 36.8510, 27.8434,
54.4726

■ 7.1872, 13.6669,
2.6746

■ 40.9892, 29.8147,
61.9889

■ 6.9058, 13.5297,
2.3049

■ 45.4415, 31.9350,
70.1009

Harmonies

Analogous

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



16.5963, 17.9382, 16.3649



16.0865, 17.9382, 17.3664



15.8364, 17.9382, 18.9937

Triad

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



16.0865, 17.9382, 17.3664



16.8608, 17.9382, 23.3132



18.2483, 17.9382, 18.2506

Complementary

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



16.0865, 17.9382, 17.3664



16.5744, 16.4303, 20.0679

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.



18.3235, 17.9382, 20.0796



16.0865, 17.9382, 17.3664



17.5113, 17.9382, 23.0826

Square

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



16.0865, 17.9382, 17.3664



16.2759, 17.9382, 22.4810



18.0506, 17.9382, 21.8698



17.8477, 17.9382, 16.8522

Rectangle

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



16.0865, 17.9382, 17.3664



15.8460, 17.9382, 20.2479



18.0506, 17.9382, 21.8698



18.3129, 17.9382, 18.8325

Sweetspot

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



16.0870, 17.9390, 17.3668



30.2171, 32.4696, 33.9032



17.1379, 18.2737, 17.3760



7.0969, 7.6643, 7.9224



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.



16.0870, 17.9390, 17.3668



27.6247, 31.2306, 29.3811



16.1752, 17.9598, 18.4844



3.9847, 4.4674, 4.2768



7.4859, 14.7364, 2.4499



35.3589, 70.1136, 11.6697

Inverse Universe

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



16.5744, 16.4303, 20.0679



28.6654, 28.0093, 35.1486



16.4843, 16.4102, 18.8731



4.1169, 4.0581, 5.0095



10.4385, 4.9540, 19.7913



49.3849, 23.4208, 94.3876

Previews

White Background



This preview shows how the XYZ color 16.0865, 17.9382, 17.3664 looks on a white background.

Color Contrast Check

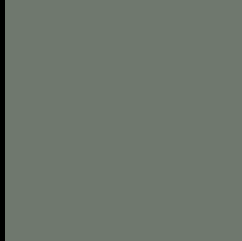
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0865, 17.9382, 17.3664 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

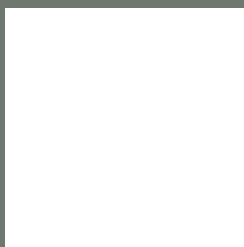
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0865, 17.9382, 17.3664

Background



This preview shows how black text looks on a background with the XYZ color 16.0865, 17.9382, 17.3664.

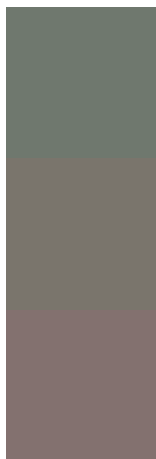


This preview shows how white text looks on a background with the XYZ color 16.0865, 17.9382,

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

16.0865, 17.9382, 17.3664

Protanopia

17.0941, 17.9429, 16.7497

Deuteranopia

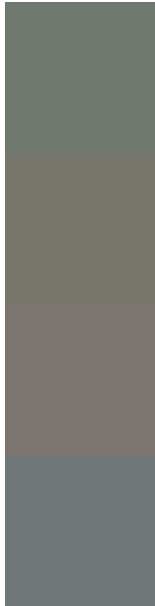
18.1344, 17.7832, 17.5156



Tritanopia

17.2486, 18.0666, 22.6568

Trichromacy



Original Color

16.0865, 17.9382, 17.3664

Protanomaly

16.7100, 17.9125, 17.0448

Deuteranomaly

17.4268, 17.9236, 17.5800

Tritanomaly

16.8581, 18.0848, 20.6914

Monochromacy



Original Color

16.0865, 17.9382, 17.3664

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.3380, 17.5149, 18.4392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0865, 17.9382, 17.3664 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, 120, 110)` looks like.

```
.text, #text, p{  
    color:rgb(111, 120, 110)  
}
```

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, 120, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 120, 110) }
```

Border

The CSS property to change the border of an element to XYZ 16.0865, 17.9382, 17.3664 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, 120, 110) }
```


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

```
.border{ border-color:rgb(111, 120, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 120, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 120, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 120, 110);  
box-shadow:4px 4px 4px 4px rgb(111, 120,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0865, 17.9382, 17.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 120, 110) }
```

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

```
.background{ background-color: rgb(111,  
120, 110) }
```

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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