

Converting Colors

XYZ(16.5424, 18.9288, 18.9798)

Have a look what the booklet for
XYZ(16.5424, 18.9288, 18.9798)
contains.

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Color

**XYZ(16.4865, 18.8413,
18.9874)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7C73
RGB	108, 124, 115
RGB Percent	42%, 49%, 45%
CMY	0.5765, 0.5137, 0.5490
CMYK	0.13, 0.00, 0.07, 0.51
HSL	146°, 7%, 45%
HSV	146°, 13%, 49%
XYZ	16.4865, 18.8413, 18.9874
YIQ	118.1900, -6.6470, -6.1910

Conversions

Conversions Part 2

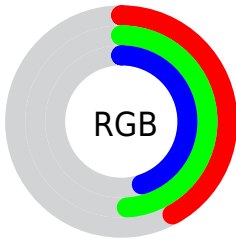
Format	Color
RYB	108, 119, 124
Decimal	7109747
CIELab	50.50, -7.79, 2.92
CIELCh	51, 8.324, 159.467
Yxy	18.8413, 0.3035, 0.3469
Android (android.graphics.Color)	4285299827 (0xFF6C7C73)
YUV	118.1900, -1.5727, -8.9366
Hunter-Lab	43.4066, -8.1644, 4.4493

Details

The XYZ color **16.4865, 18.8413, 18.9874** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.8863, 16.2950, 19.0858**, and the grayscale version is **17.2861, 18.1864, 19.8050**.

A 20% lighter version of the original color is **37.1944, 41.7079, 42.6493**, and **5.3927, 6.3981, 6.2609** is the 20% darker color. If you saturate the color by 10%, you get **14.6981, 17.9645, 16.8871**, and if you desaturate by 10%, it is **18.5209, 19.8425, 21.2586**.

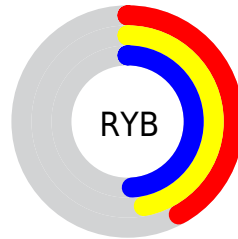
Distribution



Red (42%)

Green (49%)

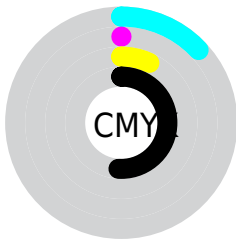
Blue (45%)



Red (42%)

Yellow (47%)

Blue (49%)

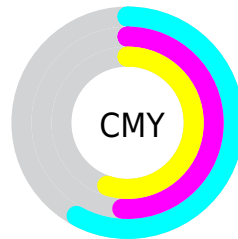


Cyan (13%)

Magenta (0%)

Yellow (7%)

Black (51%)



Cyan (58%)

Magenta (51%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4865, 18.8413, 18.9874 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 16.4865, 18.8413, 18.9874 by changing the saturation by 10% instead.

■ 16.4865, 18.8413,
18.9874

■ 16.4865, 18.8413,
18.9874

225.4100,
245.5712, 258.7996

■ 9.9621, 11.5557,
11.4845

■ 36.9914, 41.4658,
42.5492

■ 5.4359, 6.4419,
6.2754

■ 51.7026, 57.5734,
59.4452

■ 2.5426, 3.1156,
2.9418

■ 69.8735, 77.3904,
80.3092

■ 0.9168, 1.1924,
1.0650

■ 91.8694, 101.3013,
105.5599

■ 0.0000, 0.0555,
0.0000

118.0556,
129.6905, 135.6157

■ 0.0000, 0.0000,
0.0000

148.7975,

162.9422, 170.8953

184.4605,
201.4410, 211.8170

■ 16.4865, 18.8413,
18.9874

■ 16.4865, 18.8413,
18.9874

■ 14.6981, 17.9645,
16.8871

■ 18.5209, 19.8425,
21.2586

■ 13.1444, 17.2047,
14.9525

■ 20.8089, 20.9702,
23.7033

■ 11.8156, 16.5576,
13.1800

■ 23.3595, 22.2297,
26.3255

■ 10.7005, 16.0174,
11.5653

■ 26.1811, 23.6252,
29.1289

■ 9.7872, 15.5779,
10.1039

■ 29.2815, 25.1605,
32.1169

■ 9.0620, 15.2324,
8.7911

■ 32.6682, 26.8397,
35.2928

■ 8.5099, 14.9730,
7.6220

■ 36.3485, 28.6662,
38.6600

■ 8.1126, 14.7906,
6.5913

■ 40.3294, 30.6437,
42.2216

■ 7.8796, 14.6847,
5.9392

■ 44.6176, 32.7756,
45.9807

Harmonies

Analogous

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



16.9347, 18.8413, 17.2554



16.4865, 18.8413, 18.9874



16.4129, 18.8413, 21.2586

Triad

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



16.4865, 18.8413, 18.9874



18.1659, 18.8413, 25.2452



19.1397, 18.8413, 17.8041

Complementary

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



16.4865, 18.8413, 18.9874



16.8863, 16.2950, 19.0858

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.



19.4914, 18.8413, 19.7889



16.4865, 18.8413, 18.9874



18.9181, 18.8413, 24.1611

Square

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



16.4865, 18.8413, 18.9874



17.3664, 18.8413, 24.9899



19.4091, 18.8413, 22.1224



18.4609, 18.8413, 16.6089

Rectangle

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



16.4865, 18.8413, 18.9874



16.5839, 18.8413, 22.7922



19.4091, 18.8413, 22.1224



19.3010, 18.8413, 18.3947

Sweetspot

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



16.4870, 18.8421, 18.9878



32.1417, 34.6951, 36.9167



17.2602, 19.2855, 17.0003



7.5123, 8.1429, 8.6312



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.



16.4870, 18.8421, 18.9878



28.2009, 32.7577, 32.4788



16.9636, 19.0327, 21.4976



4.0169, 4.4764, 4.6230



8.0087, 14.9271, 6.0307



37.7899, 71.0390, 26.5954

Inverse Universe

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



16.8863, 16.2950, 19.0858



29.0235, 27.5106, 32.6805



16.4392, 16.1162, 16.7314



4.0839, 4.0493, 4.6394



9.5649, 4.8021, 6.2656



45.1920, 22.7331, 27.6046

Previews

White Background



This preview shows how the XYZ color 16.4865, 18.8413, 18.9874 looks on a white 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

Black Background



This preview shows how the XYZ color 16.4865, 18.8413, 18.9874 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

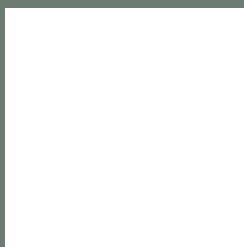
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.4865, 18.8413, 18.9874

Background



This preview shows how black text looks on a background with the XYZ color 16.4865, 18.8413, 18.9874.



This preview shows how white text looks on a background with the XYZ color 16.4865, 18.8413,

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

16.4865, 18.8413, 18.9874

Protanopia

18.0093, 18.9103, 18.3236

Deuteranopia

19.1291, 18.7617, 19.4428



Tritanopia

17.6118, 18.9373, 24.1997

Trichromacy



Original Color

16.4865, 18.8413, 18.9874

Protanomaly

17.3458, 18.7412, 18.6228

Deuteranomaly

18.0614, 18.7397, 19.1882

Tritanomaly

17.2150, 18.9616, 22.1547

Monochromacy



Original Color

16.4865, 18.8413, 18.9874

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.8668, 18.2947, 19.4719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4865, 18.8413, 18.9874 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(108, 124, 115)` looks like.

```
.text, #text, p{  
    color:rgb(108, 124, 115)  
}
```

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(108, 124, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 124, 115) }
```

Border

The CSS property to change the border of an element to XYZ 16.4865, 18.8413, 18.9874 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(108, 124, 115) }
```


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

```
.border{ border-color:rgb(108, 124, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 124, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 124, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 124, 115);  
box-shadow:4px 4px 4px 4px rgb(108, 124,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4865, 18.8413, 18.9874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 124, 115) }
```

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

```
.background{ background-color: rgb(108,  
124, 115) }
```

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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