

Converting Colors

XYZ(16.1545, 18.1105, 19.1584)

Have a look what the booklet for
XYZ(16.1545, 18.1105, 19.1584)
contains.

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Color

**XYZ(16.1741, 18.1238,
19.1688)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7974
RGB	108, 121, 116
RGB Percent	42%, 47%, 45%
CMY	0.5765, 0.5255, 0.5451
CMYK	0.11, 0.00, 0.04, 0.53
HSL	157°, 6%, 45%
HSV	157°, 11%, 47%
XYZ	16.1741, 18.1238, 19.1688
YIQ	116.5430, -6.1430, -4.3110

Conversions

Conversions Part 2

Format	Color
R_{YB}	108, 116, 121
Decimal	7108980
CIE Lab	49.65, -5.88, 1.09
CIE LCh	50, 5.982, 169.496
Yxy	18.1238, 0.3025, 0.3390
Android (android.graphics.Color)	4285299060 (0xFF6C7974)
YUV	116.5430, -0.2677, -7.4922
Hunter-Lab	42.5721, -6.6849, 3.1041

Details

The XYZ color **16.1741, 18.1238, 19.1688** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2290, 15.9828, 17.8532**, and the grayscale version is **16.7699, 17.6432, 19.2135**.

A 20% lighter version of the original color is **36.3095, 40.0852, 42.8693**, and **5.2852, 6.0442, 6.3569** is the 20% darker color. If you saturate the color by 10%, you get **14.5395, 17.3121, 17.7143**, and if you desaturate by 10%, it is **18.0276, 19.0477, 20.7051**.

Distribution



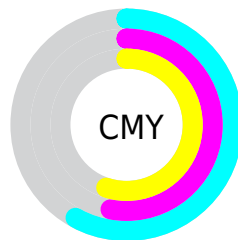
- Red (42%)
- Green (47%)
- Blue (45%)



- Red (42%)
- Yellow (45%)
- Blue (47%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (53%)



- Cyan (58%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1741, 18.1238, 19.1688 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 16.1741, 18.1238, 19.1688 by changing the saturation by 10% instead.

■ 16.1741, 18.1238,
19.1688

■ 16.1741, 18.1238,
19.1688

223.6171,
241.5679, 259.8328

■ 9.7391, 11.0389,
11.6143

■ 36.4552, 40.2482,
42.8596

■ 5.2872, 6.0930,
6.3623

■ 51.0320, 56.0564,
59.8330

■ 2.4532, 2.9017,
2.9943

■ 69.0534, 75.5413,
80.7831

■ 0.8717, 1.0806,
1.0917

■ 90.8847, 99.0871,
106.1284

■ 0.0000, 0.0000,
0.0000

116.8914,
127.0782, 136.2875

147.4388,

159.8992, 171.6789

182.8923,
197.9343, 212.7211

■ 16.1741, 18.1238,
19.1688

■ 16.1741, 18.1238,
19.1688

■ 14.5395, 17.3121,
17.7143

■ 18.0276, 19.0477,
20.7051

■ 13.1136, 16.6060,
16.3390

■ 20.1065, 20.0858,
22.3235

■ 11.8880, 16.0016,
15.0419

■ 22.4191, 21.2427,
24.0257

■ 10.8526, 15.4938,
13.8213

■ 24.9725, 22.5221,
25.8129

■ 9.9968, 15.0771,
12.6758

■ 27.7737, 23.9276,
27.6864

■ 9.3089, 14.7455,
11.6036

■ 30.8294, 25.4627,
29.6476

■ 8.7754, 14.4921,
10.6030

■ 34.1461, 27.1305,
31.6975

■ 8.3810, 14.3089,
9.6719

■ 37.7299, 28.9344,
33.8374

■ 8.0891, 14.1759,
8.8689

■ 41.5868, 30.8773,
36.0685

Harmonies

Analogous

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



16.4087, 18.1238, 17.7705



16.1741, 18.1238, 19.1688



16.2166, 18.1238, 20.7965

Triad

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



16.1741, 18.1238, 19.1688



17.5933, 18.1238, 22.8326



17.9455, 18.1238, 17.4490

Complementary

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



16.1741, 18.1238, 19.1688



16.2290, 15.9828, 17.8532

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.



18.2767, 18.1238, 18.7078



16.1741, 18.1238, 19.1688



18.0703, 18.1238, 21.8365

Square

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



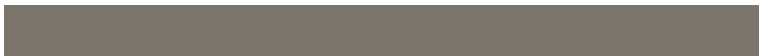
16.1741, 18.1238, 19.1688



17.0277, 18.1238, 22.9728



18.3228, 18.1238, 20.3097



17.4261, 18.1238, 16.8144

Rectangle

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



16.1741, 18.1238, 19.1688



16.3967, 18.1238, 21.7914



18.3228, 18.1238, 20.3097



18.0830, 18.1238, 17.8099

Sweetspot

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



16.1746, 18.1246, 19.1692



31.4724, 33.7046, 36.4218



16.3806, 18.2822, 16.8532



7.1404, 7.6788, 8.2823



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.



16.1746, 18.1246, 19.1692



28.1710, 32.0608, 33.6395



16.3166, 17.9302, 20.6909



4.0448, 4.4875, 4.7697



8.6627, 15.1887, 9.4746



40.8964, 72.2816, 42.9539

Inverse Universe

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



16.2290, 15.9828, 17.8532



28.2897, 27.3848, 30.7666



16.0932, 16.1495, 16.4567



4.0562, 4.0382, 4.4936



8.9850, 4.5702, 3.2122



42.4711, 21.6448, 13.2770

Previews

White Background



This preview shows how the XYZ color 16.1741, 18.1238, 19.1688 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 16.1741, 18.1238, 19.1688 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

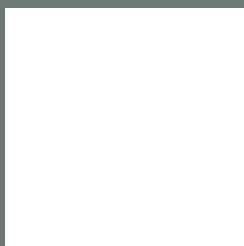
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.1741, 18.1238, 19.1688

Background



This preview shows how black text looks on a background with the XYZ color 16.1741, 18.1238, 19.1688.



This preview shows how white text looks on a background with the XYZ color 16.1741, 18.1238,

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

16.1741, 18.1238, 19.1688

Protanopia

17.2837, 18.0024, 18.4835

Deuteranopia

18.2815, 17.9861, 19.3378



Tritanopia

16.9897, 18.0936, 23.3658

Trichromacy



Original Color

16.1741, 18.1238, 19.1688

Protanomaly

16.7754, 17.9077, 18.7920

Deuteranomaly

17.4573, 18.0719, 19.3977

Tritanomaly

16.6612, 18.1394, 21.6919

Monochromacy



Original Color

16.1741, 18.1238, 19.1688

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.6287, 17.8186, 19.3925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1741, 18.1238, 19.1688 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, 121, 116)` looks like.

```
.text, #text, p{  
    color:rgb(108, 121, 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(108, 121, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 121, 116) }
```

Border

The CSS property to change the border of an element to XYZ 16.1741, 18.1238, 19.1688 is called "border". The border property can be set on classes, ids or directly on the HTML element.

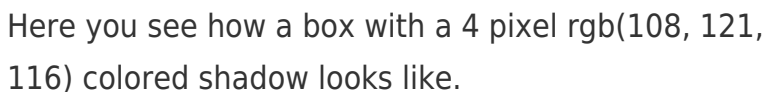
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 121, 116) }
```


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

```
.border{ border-color:rgb(108, 121, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 121, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 121, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 121, 116); box-shadow:4px 4px 4px 4px rgb(108, 121, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1741, 18.1238, 19.1688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 121, 116) }
```

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

```
.background{ background-color: rgb(108,  
121, 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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