

Converting Colors

XYZ(16.9540, 16.6645, 19.5044)

Have a look what the booklet for
XYZ(16.9540, 16.6645, 19.5044)
contains.

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Color

**XYZ(16.8720, 16.5974,
19.4539)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6E76
RGB	122, 110, 118
RGB Percent	48%, 43%, 46%
CMY	0.5216, 0.5686, 0.5373
CMYK	0.00, 0.10, 0.03, 0.52
HSL	320°, 5%, 45%
HSV	320°, 10%, 48%
XYZ	16.8720, 16.5974, 19.4539
YIQ	114.5000, 4.5840, 5.0320

Conversions

Conversions Part 2

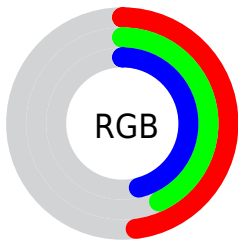
Format	Color
RYB	122, 110, 118
Decimal	8023670
CIELab	47.75, 6.23, -2.73
CIELCh	48, 6.799, 336.294
Yxy	16.5974, 0.3188, 0.3136
Android (android.graphics.Color)	4286213750 (0xFF7A6E76)
YUV	114.5000, 1.7255, 6.5775
Hunter-Lab	40.7399, 2.6290, 0.2061

Details

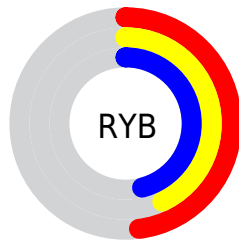
The XYZ color **16.8720, 16.5974, 19.4539** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4278, 18.4495, 18.6158**, and the grayscale version is **16.1389, 16.9794, 18.4906**.

A 20% lighter version of the original color is **37.6316, 37.7416, 43.3317**, and **5.5758, 5.3039, 6.5242** is the 20% darker color. If you saturate the color by 10%, you get **15.4089, 14.0495, 17.7993**, and if you desaturate by 10%, it is **18.5277, 19.5134, 21.2245**.

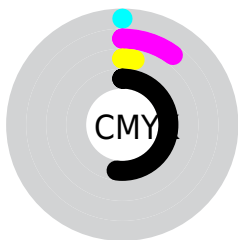
Distribution



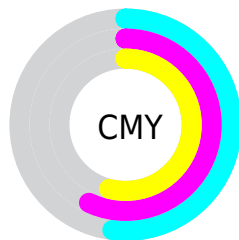
- Red (48%)
- Green (43%)
- Blue (46%)



- Red (48%)
- Yellow (43%)
- Blue (46%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (52%)



- Cyan (52%)
- Magenta (57%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8720, 16.5974, 19.4539 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 16.8720, 16.5974, 19.4539 by changing the saturation by 10% instead.

■ 16.8720, 16.5974,
19.4539

■ 16.8720, 16.5974,
19.4539

227.6043,
232.8415, 261.4489

■ 10.2380, 9.9479,
11.8186

■ 37.6509, 37.6323,
43.3466

■ 5.6205, 5.3644,
6.4992

■ 52.5266, 52.7864,
60.4410

■ 2.6542, 2.4626,
3.0773

■ 70.8801, 71.5441,
81.5255

■ 0.9736, 0.8578,
1.1342

■ 93.0770, 94.2899,
107.0187

■ 0.0000, 0.0000,
0.0000

119.4825,
121.4082, 137.3391

150.4620,

153.2833, 172.9053

186.3808,
190.2996, 214.1357

■ 16.8720, 16.5974,
19.4539

■ 16.8720, 16.5974,
19.4539

■ 15.4089, 14.0495,
17.7993

■ 18.5277, 19.5134,
21.2245

■ 14.1295, 11.8528,
16.2566

■ 20.3818, 22.8093,
23.1131

■ 13.0263, 9.9922,
14.8228

■ 22.4412, 26.4990,
25.1228

■ 12.0907, 8.4507,
13.4943

■ 24.7125, 30.5951,
27.2565

■ 11.3133, 7.2099,
12.2673

■ 27.2017, 35.1095,
29.5167

■ 10.6839, 6.2494,
11.1378

■ 29.9147, 40.0538,
31.9059

■ 10.1908, 5.5462,
10.1012

■ 32.8571, 45.4390,
34.4267

■ 9.8206, 5.0737,
9.1522

■ 36.0343, 51.2758,
37.0814

■ 9.5283, 4.7420,
8.2750

■ 39.4515, 57.5745,
39.8722

Harmonies

Analogous

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



16.4787, 16.5974, 20.9118



16.8720, 16.5974, 19.4539



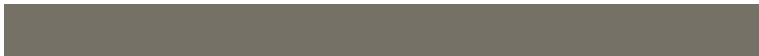
16.9681, 16.5974, 17.7066

Triad

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



16.8720, 16.5974, 19.4539



15.6473, 16.5974, 14.9390



14.8502, 16.5974, 20.1304

Complementary

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



16.8720, 16.5974, 19.4539



16.4278, 18.4495, 18.6158

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.



14.6398, 16.5974, 18.4419



16.8720, 16.5974, 19.4539



15.0923, 16.5974, 15.5012

Square

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



16.8720, 16.5974, 19.4539



16.2508, 16.5974, 15.1717



14.7272, 16.5974, 16.7567



15.3092, 16.5974, 21.3196

Rectangle

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



16.8720, 16.5974, 19.4539



16.8486, 16.5974, 16.6265



14.7272, 16.5974, 16.7567



14.7486, 16.5974, 19.5984

Sweetspot

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



16.8725, 16.5981, 19.4543



31.6148, 32.5967, 36.3088



16.0289, 16.1352, 20.6823



7.1803, 7.3679, 8.2506



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.



16.8725, 16.5981, 19.4543



29.0204, 28.0412, 33.4920



16.5272, 16.4600, 17.6360



4.1004, 4.0559, 4.7262



10.0227, 4.9852, 8.6766



47.4022, 23.6172, 39.2436

Inverse Universe

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



16.8725, 16.5981, 19.4543



29.0204, 28.0412, 33.4920



16.7807, 18.5906, 20.4736



4.1004, 4.0559, 4.7262



10.0227, 4.9852, 8.6766



47.4022, 23.6172, 39.2436

Previews

White Background



This preview shows how the XYZ color 16.8720, 16.5974, 19.4539 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 16.8720, 16.5974, 19.4539 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 16.8720, 16.5974, 19.4539

Background



This preview shows how black text looks on a background with the XYZ color 16.8720, 16.5974, 19.4539.



This preview shows how white text looks on a background with the XYZ color 16.8720, 16.5974,

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

16.8720, 16.5974, 19.4539

Protanopia

16.2347, 16.7437, 20.1455

Deuteranopia

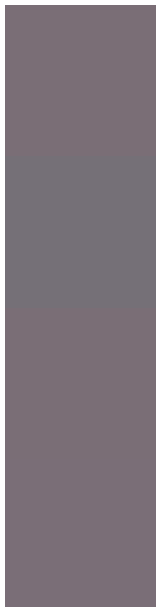
16.8720, 16.5974, 19.4539



Tritanopia

16.9317, 16.6213, 19.7686

Trichromacy



Original Color

16.8720, 16.5974, 19.4539

Protanomaly

16.4601, 16.7022, 19.8091

Deuteranomaly

16.8720, 16.5974, 19.4539

Tritanomaly

16.9317, 16.6213, 19.7686

Monochromacy



Original Color

16.8720, 16.5974, 19.4539

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.5287, 16.9228, 18.9183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8720, 16.5974, 19.4539 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(122, 110, 118)` looks like.

```
.text, #text, p{  
    color:rgb(122, 110, 118)  
}
```

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(122, 110, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 110, 118) }
```

Border

The CSS property to change the border of an element to XYZ 16.8720, 16.5974, 19.4539 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(122, 110, 118) }
```


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

```
.border{ border-color:rgb(122, 110, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 110, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 110, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 110, 118);  
box-shadow:4px 4px 4px 4px rgb(122, 110,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8720, 16.5974, 19.4539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 110, 118) }
```

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

```
.background{ background-color: rgb(122,  
110, 118) }
```

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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