

Converting Colors

XYZ(16.5257, 19.5844, 16.7063)

Have a look what the booklet for
XYZ(16.5257, 19.5844, 16.7063)
contains.

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Color

**XYZ(16.5574, 19.6880,
16.8374)**

Conversions

Conversions Part 1

Format	Color
Hex	6C806B
RGB	108, 128, 107
RGB Percent	42%, 50%, 42%
CMY	0.5765, 0.4980, 0.5804
CMYK	0.16, 0.00, 0.16, 0.50
HSL	117°, 9%, 46%
HSV	117°, 16%, 50%
XYZ	16.5574, 19.6880, 16.8374
YIQ	119.6260, -5.1790, -10.7710

Conversions

Conversions Part 2

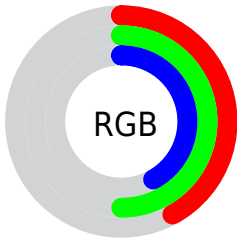
Format	Color
RYB	107, 128, 127
Decimal	7110763
CIELab	51.48, -11.63, 9.00
CIELCh	51, 14.703, 142.259
Yxy	19.6880, 0.3119, 0.3709
Android (android.graphics.Color)	4285300843 (0xFF6C806B)
YUV	119.6260, -6.2246, -10.1960
Hunter-Lab	44.3712, -11.0410, 8.5612

Details

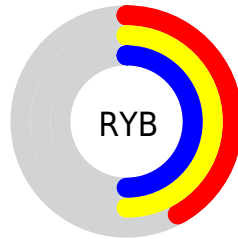
The XYZ color **16.5574, 19.6880, 16.8374** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.9070, 16.5864, 22.6807**, and the grayscale version is **17.7541, 18.6787, 20.3411**.

A 20% lighter version of the original color is **37.1926, 42.9900, 38.6854**, and **5.4751, 6.8789, 5.3142** is the 20% darker color. If you saturate the color by 10%, you get **14.5529, 18.7274, 13.4847**, and if you desaturate by 10%, it is **18.8700, 20.7971, 20.7258**.

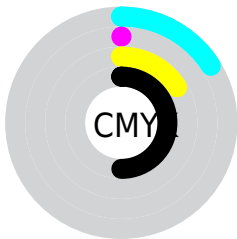
Distribution



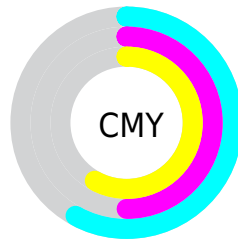
- Red (42%)
- Green (50%)
- Blue (42%)



- Red (42%)
- Yellow (50%)
- Blue (50%)



- Cyan (16%)
- Magenta (0%)
- Yellow (16%)
- Black (50%)



- Cyan (58%)
- Magenta (50%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5574, 19.6880, 16.8374 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 16.5574, 19.6880, 16.8374 by changing the saturation by 10% instead.

■ 16.5574, 19.6880,
16.8374

■ 16.5574, 19.6880,
16.8374

225.8150,
250.2210, 246.2458

■ 10.0128, 12.1685,
9.9579

■ 37.1129, 42.8935,
38.8328

■ 5.4698, 6.8585,
5.2658

■ 51.8545, 59.3482,
54.7858

■ 2.5630, 3.3738,
2.3426

■ 70.0591, 79.5501,
74.6004

■ 0.9271, 1.3298,
0.7549

■ 92.0921, 103.8835,
98.6951

■ 0.0000, 0.1641,
0.0000

118.3188,
132.7330, 127.4884

■ 0.0000, 0.0000,
0.0000

149.1047,

166.4828, 161.3989

184.8149,
205.5173, 200.8452

■ 16.5574, 19.6880,
16.8374

■ 16.5574, 19.6880,
16.8374

■ 14.5529, 18.7274,
13.4847

■ 18.8700, 20.7971,
20.7258

■ 12.8421, 17.9065,
10.6430

■ 21.5013, 22.0579,
25.1706

■ 11.4115, 17.2197,
8.2877

■ 24.4634, 23.4768,
30.1929

■ 10.2463, 16.6598,
6.3914

■ 27.7670, 25.0590,
35.8124

■ 9.3301, 16.2190,
4.9243

■ 31.4228, 26.8094,
42.0478

■ 8.6448, 15.8887,
3.8529

■ 35.4406, 28.7327,
48.9171

■ 8.1696, 15.6590,
3.1387

■ 39.8300, 30.8337,
56.4373

■ 7.8759, 15.5168,
2.7120

■ 44.6003, 33.1166,
64.6251

■ 7.7958, 15.4784,
2.5767

■ 49.7604, 35.5856,
73.4964

Harmonies

Analogous

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



17.6584, 19.6880, 14.7611



16.5574, 19.6880, 16.8374



16.0396, 19.6880, 20.3608

Triad

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



16.5574, 19.6880, 16.8374



18.3332, 19.6880, 30.5400



21.4638, 19.6880, 18.5035

Complementary

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



16.5574, 19.6880, 16.8374



17.9070, 16.5864, 22.6807

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.



21.6678, 19.6880, 22.5503



16.5574, 19.6880, 16.8374



19.8084, 19.6880, 29.8719

Square

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



16.5574, 19.6880, 16.8374



17.0291, 19.6880, 28.5270



21.0477, 19.6880, 26.8059



20.5040, 19.6880, 15.6312

Rectangle

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



16.5574, 19.6880, 16.8374



16.0746, 19.6880, 23.2092



21.0477, 19.6880, 26.8059



21.6250, 19.6880, 19.7572

Sweetspot

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



16.5579, 19.6888, 16.8378



33.7887, 36.8864, 37.4446



19.1396, 20.8175, 16.9196



7.8499, 8.6069, 8.6640



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



16.5579, 19.6888, 16.8378



27.6569, 33.9471, 27.1405



16.9618, 19.8364, 19.5959



4.2935, 4.8278, 4.6257



7.7301, 15.3474, 2.5549



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.9070, 16.5864, 22.6807



30.5380, 27.3205, 39.6201



17.4632, 16.4262, 19.5622



4.4786, 4.4023, 5.4270



11.8086, 5.6412, 20.7164



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.5574, 19.6880, 16.8374 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 16.5574, 19.6880, 16.8374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

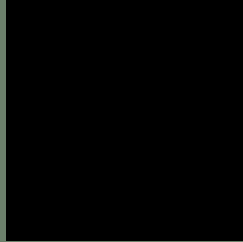
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.5574, 19.6880, 16.8374

Background



This preview shows how black text looks on a background with the XYZ color 16.5574, 19.6880, 16.8374.



This preview shows how white text looks on a background with the XYZ color 16.5574, 19.6880,

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

16.5574, 19.6880, 16.8374

Protanopia

18.5115, 19.5857, 15.9015

Deuteranopia

19.8862, 19.5500, 17.1934



Tritanopia

18.1928, 19.5813, 25.3750

Trichromacy



Original Color

16.5574, 19.6880, 16.8374

Protanomaly

17.6426, 19.5002, 16.1986

Deuteranomaly

18.5684, 19.5910, 16.9901

Tritanomaly

17.5273, 19.5020, 21.9093

Monochromacy



Original Color

16.5574, 19.6880, 16.8374

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.3799, 19.1167, 18.9935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5574, 19.6880, 16.8374 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, 128, 107)` looks like.

```
.text, #text, p{  
    color:rgb(108, 128, 107)  
}
```

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, 128, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 128, 107) }
```

Border

The CSS property to change the border of an element to XYZ 16.5574, 19.6880, 16.8374 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, 128, 107) }
```


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

```
.border{ border-color:rgb(108, 128, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 128, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 128, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 128, 107);  
box-shadow:4px 4px 4px 4px rgb(108, 128,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5574, 19.6880, 16.8374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 128, 107) }
```

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

```
.background{ background-color: rgb(108,  
128, 107) }
```

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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