

Converting Colors

XYZ(15.5196, 18.5557, 17.8303)

Have a look what the booklet for
XYZ(15.5196, 18.5557, 17.8303)
contains.

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Color

**XYZ(15.5697, 18.5816,
17.8049)**

Conversions

Conversions Part 1

Format	Color
Hex	657D6F
RGB	101, 125, 111
RGB Percent	40%, 49%, 44%
CMY	0.6039, 0.5098, 0.5647
CMYK	0.19, 0.00, 0.11, 0.51
HSL	145°, 11%, 44%
HSV	145°, 19%, 49%
XYZ	15.5697, 18.5816, 17.8049
YIQ	116.2280, -9.8100, -9.4420

Conversions

Conversions Part 2

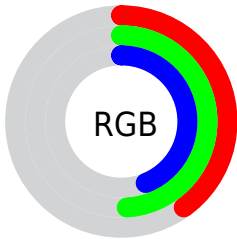
Format	Color
RYB	101, 118, 125
Decimal	6651247
CIELab	50.19, -11.74, 4.76
CIElCh	50, 12.668, 157.930
Yxy	18.5816, 0.2997, 0.3576
Android (android.graphics.Color)	4284841327 (0xFF657D6F)
YUV	116.2280, -2.5774, -13.3550
Hunter-Lab	43.1064, -10.9633, 5.6850

Details

The XYZ color **15.5697, 18.5816, 17.8049** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2063, 14.9057, 18.2435**, and the grayscale version is **16.6806, 17.5493, 19.1112**.

A 20% lighter version of the original color is **35.4801, 41.1605, 40.7251**, and **5.0030, 6.3120, 5.6573** is the 20% darker color. If you saturate the color by 10%, you get **13.8900, 17.7607, 15.7153**, and if you desaturate by 10%, it is **17.4962, 19.5269, 20.0780**.

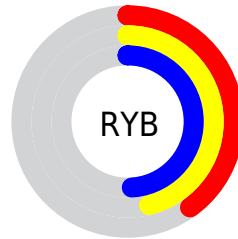
Distribution



Red (40%)

Green (49%)

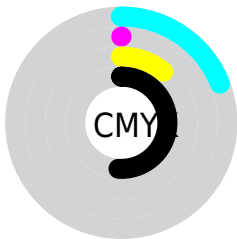
Blue (44%)



Red (40%)

Yellow (46%)

Blue (49%)

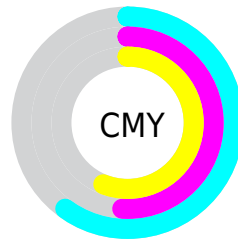


Cyan (19%)

Magenta (0%)

Yellow (11%)

Black (51%)



Cyan (60%)

Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5697, 18.5816, 17.8049 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 15.5697, 18.5816, 17.8049 by changing the saturation by 10% instead.

■ 15.5697, 18.5816,
17.8049

■ 15.5697, 18.5816,
17.8049

220.1097,
244.1291, 251.9681

■ 9.3091, 11.3683,
10.6420

■ 35.4131, 41.0259,
40.5140

■ 5.0021, 6.3152,
5.7155

■ 49.7265, 57.0257,
56.8974

■ 2.2832, 3.0377,
2.6069

■ 67.4550, 76.7232,
77.1913

■ 0.7861, 1.1514,
0.8960

■ 88.9638, 100.5027,
101.8143

■ 0.0000, 0.0215,
0.0000

114.6183,
128.7487, 131.1849

■ 0.0000, 0.0000,
0.0000

144.7839,

161.8455, 165.7217

179.8259,
200.1775, 205.8433

■ 15.5697, 18.5816,
17.8049

■ 15.5697, 18.5816,
17.8049

■ 13.8900, 17.7607,
15.7153

■ 17.4962, 19.5269,
20.0780

■ 12.4450, 17.0566,
13.8034

■ 19.6776, 20.5993,
22.5377

■ 11.2243, 16.4646,
12.0649

■ 22.1236, 21.8042,
25.1887

■ 10.2158, 15.9783,
10.4948

■ 24.8431, 23.1459,
28.0350

■ 9.4061, 15.5912,
9.0879

■ 27.8442, 24.6287,
31.0807

■ 8.7805, 15.2957,
7.8387

■ 31.1349, 26.2567,
34.3295

■ 8.3218, 15.0831,
6.7414

■ 34.7229, 28.0336,
37.7853

■ 7.9813, 14.9283,
5.7884

■ 38.6156, 29.9632,
41.4516

■ 7.9556, 14.9165,
5.7181

■ 42.8200, 32.0491,
45.3320

Harmonies

Analogous

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



16.2544, 18.5816, 15.3699



15.5697, 18.5816, 17.8049



15.4323, 18.5816, 21.1760

Triad

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



15.5697, 18.5816, 17.8049



17.9878, 18.5816, 27.6653



19.5825, 18.5816, 16.3671

Complementary

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



15.5697, 18.5816, 17.8049



16.2063, 14.9057, 18.2435

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.



20.0951, 18.5816, 19.3169



15.5697, 18.5816, 17.8049



19.1471, 18.5816, 26.0250

Square

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



15.5697, 18.5816, 17.8049



16.7920, 18.5816, 27.1399



19.9322, 18.5816, 22.8707



18.5600, 18.5816, 14.6090

Rectangle

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



15.5697, 18.5816, 17.8049



15.6633, 18.5816, 23.5547



19.9322, 18.5816, 22.8707



19.8222, 18.5816, 17.2378

Sweetspot

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



15.5702, 18.5824, 17.8053



32.4743, 35.5286, 37.2631



16.8062, 19.2797, 15.1478



7.3436, 8.0603, 8.4269



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.



15.5702, 18.5824, 17.8053



26.5177, 32.6077, 30.2138



16.2512, 18.8548, 21.3915



4.3446, 4.8462, 4.9857



8.2995, 15.5664, 5.9498



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.2063, 14.9057, 18.2435



27.8738, 24.7678, 31.1469



15.5800, 14.6551, 14.9454



4.4247, 4.3830, 5.0410



10.0759, 5.0501, 6.9896



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.5697, 18.5816, 17.8049 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 15.5697, 18.5816, 17.8049 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 15.5697, 18.5816, 17.8049

Background



This preview shows how black text looks on a background with the XYZ color 15.5697, 18.5816, 17.8049.

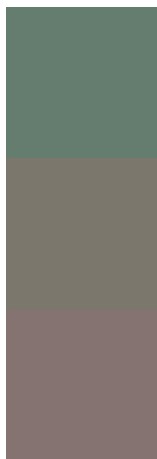


This preview shows how white text looks on a background with the XYZ color 15.5697, 18.5816,

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

15.5697, 18.5816, 17.8049

Protanopia

17.6158, 18.5614, 16.8416

Deuteranopia

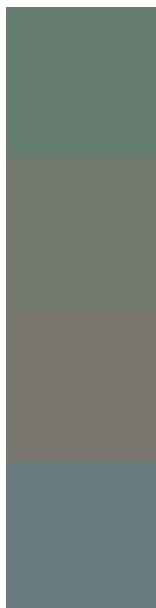
18.7842, 18.4403, 18.1921



Tritanopia

16.9501, 18.5883, 24.5243

Trichromacy



Original Color

15.5697, 18.5816, 17.8049

Protanomaly

16.8001, 18.4919, 17.1518

Deuteranomaly

17.4066, 18.4285, 17.9689

Tritanomaly

16.4300, 18.5642, 21.7861

Monochromacy



Original Color

15.5697, 18.5816, 17.8049

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.1896, 17.7881, 18.4997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5697, 18.5816, 17.8049 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(101, 125, 111)` looks like.

```
.text, #text, p{  
    color:rgb(101, 125, 111)  
}
```

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(101, 125, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 125, 111) }
```

Border

The CSS property to change the border of an element to XYZ 15.5697, 18.5816, 17.8049 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(101, 125, 111) }
```


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

```
.border{ border-color:rgb(101, 125, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 125, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 125, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 125, 111);  
box-shadow:4px 4px 4px 4px rgb(101, 125,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5697, 18.5816, 17.8049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 125, 111) }
```

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

```
.background{ background-color: rgb(101,  
125, 111) }
```

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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