

Converting Colors

XYZ(15.8515, 16.7071, 14.6793)

Have a look what the booklet for
XYZ(15.8515, 16.7071, 14.6793)
contains.

XYZ(15.8618, 16.6718, 14.6939)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.8618, 16.6718,
14.6939)**

Conversions

Conversions Part 1

Format	Color
Hex	777165
RGB	119, 113, 101
RGB Percent	47%, 44%, 40%
CMY	0.5333, 0.5568, 0.6039
CMYK	0.00, 0.05, 0.15, 0.53
HSL	40°, 8%, 43%
HSV	40°, 15%, 47%
XYZ	15.8618, 16.6718, 14.6939
YIQ	113.4260, 7.4280, -2.4600

Conversions

Conversions Part 2

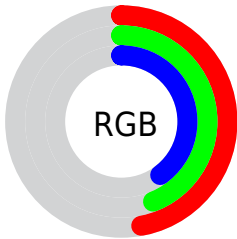
Format	Color
R _Y B	110, 119, 101
Decimal	7827813
CIE Lab	47.84, 0.09, 7.49
CIE LCh	48, 7.490, 89.303
Yxy	16.6718, 0.3359, 0.3530
Android (android.graphics.Color)	4286017893 (0xFF777165)
YUV	113.4260, -6.1260, 4.8884
Hunter-Lab	40.8311, -2.1120, 7.2451

Details

The XYZ color **15.8618, 16.6718, 14.6939** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.9541, 14.6135, 19.5380**, and the grayscale version is **15.8392, 16.6640, 18.1471**.

A 20% lighter version of the original color is **35.9172, 37.8352, 35.1156**, and **5.0819, 5.3490, 4.2546** is the 20% darker color. If you saturate the color by 10%, you get **14.8879, 15.5904, 11.6980**, and if you desaturate by 10%, it is **16.9404, 17.8271, 18.1417**.

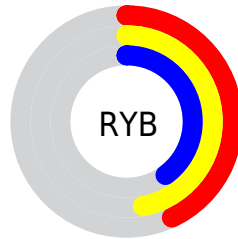
Distribution



Red (47%)

Green (44%)

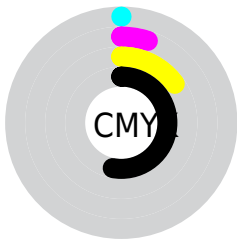
Blue (40%)



Red (43%)

Yellow (47%)

Blue (40%)

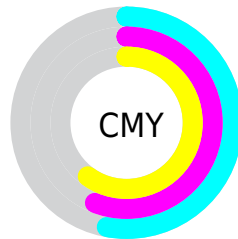


Cyan (0%)

Magenta (5%)

Yellow (15%)

Black (53%)



Cyan (53%)

Magenta (56%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8618, 16.6718, 14.6939 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 15.8618, 16.6718, 14.6939 by changing the saturation by 10% instead.

■ 15.8618, 16.6718,
14.6939

■ 15.8618, 16.6718,
14.6939

221.8113,
233.2739, 233.0825

■ 9.5166, 10.0008,
8.4606

■ 35.9175, 37.7606,
35.0500

■ 5.1395, 5.3995,
4.2991

■ 50.3588, 52.9472,
50.0098

■ 2.3649, 2.4835,
1.7908

■ 68.2294, 71.7411,
68.7156

■ 0.8276, 0.8684,
0.4219

■ 89.8948, 94.5267,
91.5859

■ 0.0000, 0.0000,
0.0000

115.7204,
121.6883, 119.0392

146.0714,

153.6105, 151.4940

181.3133,
190.6776, 189.3689

■ 15.8618, 16.6718,
14.6939

■ 15.8618, 16.6718,
14.6939

■ 14.8879, 15.5904,
11.6980

■ 16.9404, 17.8271,
18.1417

■ 14.0135, 14.5788,
9.1338

■ 18.1259, 19.0559,
22.0582

■ 13.2349, 13.6357,
6.9813

■ 19.4223, 20.3607,
26.4609

■ 12.5477, 12.7589,
5.2181

■ 20.8328, 21.7433,
31.3659

■ 11.9470, 11.9459,
3.8201

■ 22.3606, 23.2052,
36.7884

■ 11.4274, 11.1943,
2.7602

■ 24.0087, 24.7479,
42.7433

■ 10.9828, 10.5012,
2.0076

■ 25.7800, 26.3731,
49.2447

■ 10.6033, 9.8621,
1.5113

■ 27.6772, 28.0821,
56.3062

■ 10.4293, 9.5650,
1.2966

■ 29.7030, 29.8764,
63.9408

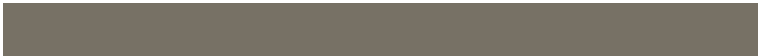
Harmonies

Analogous

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



16.5158, 16.6718, 15.1493



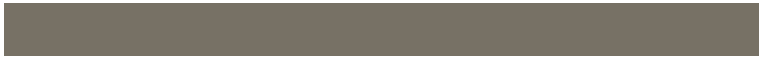
15.8618, 16.6718, 14.6939



15.2212, 16.6718, 15.1093

Triad

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



15.8618, 16.6718, 14.6939



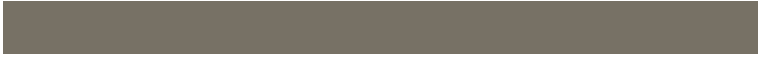
14.7443, 16.6718, 20.0274



16.9848, 16.6718, 20.1109

Complementary

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



15.8618, 16.6718, 14.6939



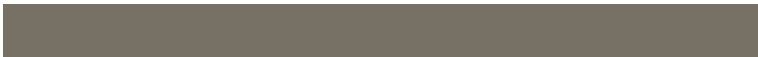
13.9541, 14.6135, 19.5380

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.



16.4878, 16.6718, 21.5797



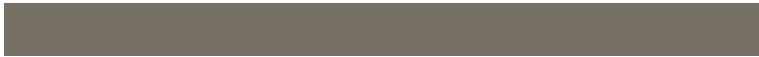
15.8618, 16.6718, 14.6939



15.1947, 16.6718, 21.5291

Square

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



15.8618, 16.6718, 14.6939



14.5872, 16.6718, 18.1077



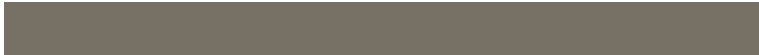
15.8303, 16.6718, 22.1158



17.1753, 16.6718, 18.1979

Rectangle

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



15.8618, 16.6718, 14.6939



14.8852, 16.6718, 15.8421



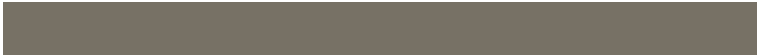
15.8303, 16.6718, 22.1158



16.8474, 16.6718, 20.6778

Sweetspot

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



15.8623, 16.6725, 14.6943



30.3352, 31.9230, 32.4856



14.9154, 14.2910, 15.8824



7.1619, 7.5367, 7.6102



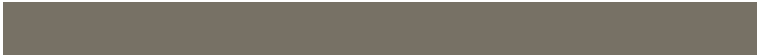
59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.8623, 16.6725, 14.6943



27.8033, 29.1960, 24.4375



16.1483, 17.8463, 14.9057



3.8688, 4.0705, 3.9241



11.0716, 10.1444, 1.3745



53.1418, 47.8121, 6.4278

Inverse Universe

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



13.9541, 14.6135, 19.5380



23.7259, 24.7965, 34.7888



13.6926, 13.5826, 19.3528



3.5911, 3.7709, 4.6288



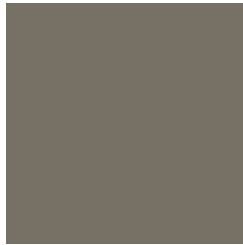
4.3230, 2.9857, 18.8910



20.3526, 13.1218, 91.8204

Previews

White Background



This preview shows how the XYZ color 15.8618, 16.6718, 14.6939 looks on a white background.

Color Contrast Check

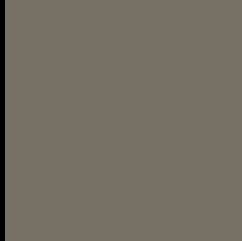
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.8618, 16.6718, 14.6939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

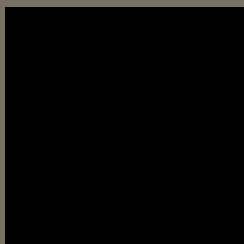
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

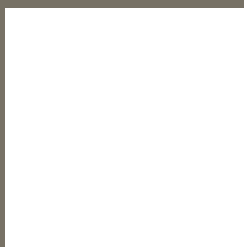
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.8618, 16.6718, 14.6939

Background



This preview shows how black text looks on a background with the XYZ color 15.8618, 16.6718, 14.6939.



This preview shows how white text looks on a background with the XYZ color 15.8618, 16.6718,

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

15.8618, 16.6718, 14.6939

Protanopia

15.7253, 16.6014, 14.6875

Deuteranopia

16.9202, 16.5637, 14.8757



Tritanopia

16.7909, 16.5487, 19.7620

Trichromacy



Original Color

15.8618, 16.6718, 14.6939

Protanomaly

15.7253, 16.6014, 14.6875

Deuteranomaly

16.4317, 16.4711, 14.8836

Tritanomaly

16.3548, 16.5318, 17.6582

Monochromacy



Original Color

15.8618, 16.6718, 14.6939

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.7357, 16.5592, 16.8349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8618, 16.6718, 14.6939 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(119, 113, 101)` looks like.

```
.text, #text, p{  
    color:rgb(119, 113, 101)  
}
```

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(119, 113, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 113, 101) }
```

Border

The CSS property to change the border of an element to XYZ 15.8618, 16.6718, 14.6939 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(119, 113, 101) }
```


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

```
.border{ border-color:rgb(119, 113, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 113, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 113, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 113, 101);  
box-shadow:4px 4px 4px 4px rgb(119, 113,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8618, 16.6718, 14.6939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 113, 101) }
```

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

```
.background{ background-color: rgb(119,  
113, 101) }
```

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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