

Converting Colors

XYZ(15.6868, 16.2054, 13.9183)

Have a look what the booklet for
XYZ(15.6868, 16.2054, 13.9183)
contains.

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Color

**XYZ(15.7742, 16.3157,
13.8731)**

Conversions

Conversions Part 1

Format	Color
Hex	796F62
RGB	121, 111, 98
RGB Percent	47%, 44%, 38%
CMY	0.5255, 0.5647, 0.6157
CMYK	0.00, 0.08, 0.19, 0.53
HSL	34°, 11%, 43%
HSV	34°, 19%, 47%
XYZ	15.7742, 16.3157, 13.8731
YIQ	112.5080, 10.1330, -1.9230

Conversions

Conversions Part 2

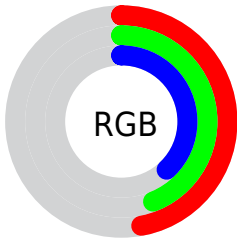
Format	Color
R_{YB}	116, 121, 98
Decimal	7958370
CIE Lab	47.39, 1.56, 8.65
CIE LCh	47, 8.786, 79.793
Yxy	16.3157, 0.3432, 0.3550
Android (android.graphics.Color)	4286148450 (0xFF796F62)
YUV	112.5080, -7.1524, 7.4475
Hunter-Lab	40.3927, -0.9792, 7.9114

Details

The XYZ color **15.7742, 16.3157, 13.8731** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.8506, 14.7018, 20.1970**, and the grayscale version is **15.5692, 16.3800, 17.8379**.

A 20% lighter version of the original color is **35.9776, 37.3630, 33.7493**, and **5.0698, 5.1807, 3.9816** is the 20% darker color. If you saturate the color by 10%, you get **14.6886, 14.9906, 10.9025**, and if you desaturate by 10%, it is **16.9809, 17.7444, 17.3107**.

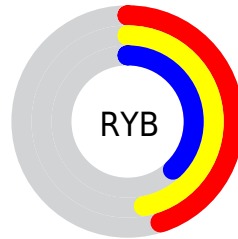
Distribution



Red (47%)

Green (44%)

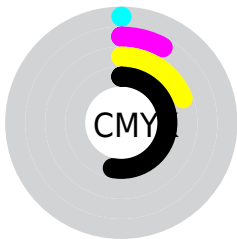
Blue (38%)



Red (45%)

Yellow (47%)

Blue (38%)

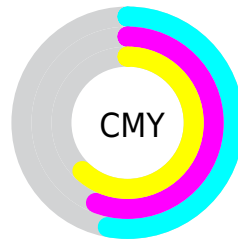


Cyan (0%)

Magenta (8%)

Yellow (19%)

Black (53%)



Cyan (53%)

Magenta (56%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7742, 16.3157, 13.8731 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 15.7742, 16.3157, 13.8731 by changing the saturation by 10% instead.

■ 15.7742, 16.3157,
13.8731

■ 15.7742, 16.3157,
13.8731

221.3023,
231.1975, 227.8409

■ 9.4543, 9.7478,
7.8947

■ 35.7664, 37.1454,
33.5776

■ 5.0982, 5.2321,
3.9408

■ 50.1694, 52.1760,
48.1407

■ 2.3403, 2.3841,
1.5929

■ 67.9976, 70.7964,
66.4026

■ 0.8152, 0.8177,
0.2858

■ 89.6162, 93.3908,
88.7816

■ 0.0000, 0.0000,
0.0000

115.3906,
120.3437, 115.6965

145.6862,

152.0396, 147.5656

180.8683,
188.8627, 184.8075

■ 15.7742, 16.3157,
13.8731

■ 15.7742, 16.3157,
13.8731

■ 14.6886, 14.9906,
10.9025

■ 16.9809, 17.7444,
17.3107

■ 13.7183, 13.7643,
8.3772

■ 18.3115, 19.2771,
21.2334

■ 12.8590, 12.6345,
6.2755

■ 19.7705, 20.9170,
25.6598

■ 12.1056, 11.5984,
4.5733

■ 21.3616, 22.6664,
30.6071

■ 11.4525, 10.6526,
3.2443

■ 23.0884, 24.5277,
36.0917

■ 10.8934, 9.7936,
2.2587

■ 24.9544, 26.5030,
42.1293

■ 10.4211, 9.0175,
1.5823

■ 26.9629, 28.5945,
48.7349

■ 10.0155, 8.3150,
1.1116

■ 29.1171, 30.8042,
55.9230

■ 9.9770, 8.2485,
1.0663

■ 31.4201, 33.1342,
63.7076

Harmonies

Analogous

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



16.4935, 16.3157, 14.6896



15.7742, 16.3157, 13.8731



15.0065, 16.3157, 14.0308

Triad

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



15.7742, 16.3157, 13.8731



14.1421, 16.3157, 19.2557



16.6784, 16.3157, 20.6769

Complementary

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



15.7742, 16.3157, 13.8731



13.8506, 14.7018, 20.1970

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.



16.0197, 16.3157, 22.1091



15.7742, 16.3157, 13.8731



14.5617, 16.3157, 21.2422

Square

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



15.7742, 16.3157, 13.8731



14.0813, 16.3157, 17.0166



15.2440, 16.3157, 22.3242



17.0270, 16.3157, 18.5351

Rectangle

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



15.7742, 16.3157, 13.8731



14.5697, 16.3157, 14.6721



15.2440, 16.3157, 22.3242



16.4849, 16.3157, 21.2647

Sweetspot

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



15.7746, 16.3164, 13.8734



31.0660, 32.5404, 32.9160



14.9784, 13.8907, 16.1771



7.0775, 7.4105, 7.4508



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.



15.7746, 16.3164, 13.8734



27.3337, 28.1116, 22.3125



16.7670, 18.5390, 14.2501



4.1687, 4.3559, 4.2455



10.6805, 8.8170, 1.1389



50.0886, 40.3406, 5.1466

Inverse Universe

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



13.8506, 14.7018, 20.1970



23.1920, 24.6364, 35.9259



12.9810, 12.7771, 19.8713



3.9276, 4.1535, 5.0379



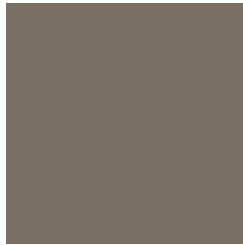
5.0321, 4.1467, 19.9205



23.1889, 18.1504, 94.7510

Previews

White Background



This preview shows how the XYZ color 15.7742, 16.3157, 13.8731 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 15.7742, 16.3157, 13.8731 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 15.7742, 16.3157, 13.8731

Background



This preview shows how black text looks on a background with the XYZ color 15.7742, 16.3157, 13.8731.



This preview shows how white text looks on a background with the XYZ color 15.7742, 16.3157,

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

15.7742, 16.3157, 13.8731

Protanopia

15.5175, 16.3407, 14.1406

Deuteranopia

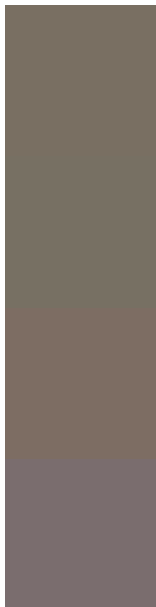
16.5168, 16.2152, 14.0637



Tritanopia

16.7418, 16.2204, 19.0781

Trichromacy



Original Color

15.7742, 16.3157, 13.8731

Protanomaly

15.6541, 16.4111, 14.1470

Deuteranomaly

16.1782, 16.1981, 14.0782

Tritanomaly

16.3092, 16.2006, 17.0193

Monochromacy



Original Color

15.7742, 16.3157, 13.8731

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.7034, 16.3841, 16.5221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7742, 16.3157, 13.8731 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(121, 111, 98)` looks like.

```
.text, #text, p{  
    color:rgb(121, 111, 98)  
}
```

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(121, 111, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 111, 98) }
```

Border

The CSS property to change the border of an element to XYZ 15.7742, 16.3157, 13.8731 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(121, 111, 98) }
```


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

```
.border{ border-color:rgb(121, 111, 98) }
```

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

Here you see how a box with a 4 pixel rgb(121, 111, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 111, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 111, 98);  
box-shadow:4px 4px 4px 4px rgb(121, 111,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7742, 16.3157, 13.8731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 111, 98) }
```

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

```
.background{ background-color: rgb(121,  
111, 98) }
```

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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