

Converting Colors

XYZ(14.4244, 14.8949, 11.3641)

Have a look what the booklet for
XYZ(14.4244, 14.8949, 11.3641)
contains.

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Color

**XYZ(14.3867, 14.8642,
11.3433)**

Conversions

Conversions Part 1

Format	Color
Hex	766A58
RGB	118, 106, 88
RGB Percent	46%, 42%, 35%
CMY	0.5373, 0.5843, 0.6549
CMYK	0.00, 0.10, 0.25, 0.54
HSL	36°, 15%, 40%
HSV	36°, 25%, 46%
XYZ	14.3867, 14.8642, 11.3433
YIQ	107.5360, 12.9300, -3.0540

Conversions

Conversions Part 2

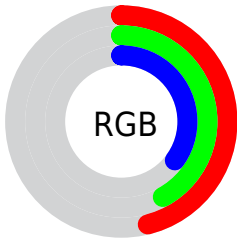
Format	Color
R_{YB}	108, 118, 88
Decimal	7760472
CIE Lab	45.45, 1.61, 11.84
CIE LCh	45, 11.946, 82.269
Yxy	14.8642, 0.3544, 0.3662
Android (android.graphics.Color)	4285950552 (0xFF766A58)
YUV	107.5360, -9.6312, 9.1769
Hunter-Lab	38.5541, -0.8614, 9.5437

Details

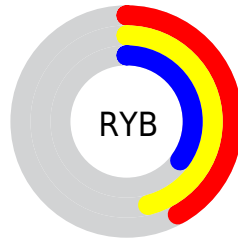
The XYZ color **14.3867, 14.8642, 11.3433** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.8516, 12.4967, 18.9271**, and the grayscale version is **14.1479, 14.8847, 16.2095**.

A 20% lighter version of the original color is **33.2220, 34.4950, 28.9520**, and **4.4543, 4.5676, 2.9324** is the 20% darker color. If you saturate the color by 10%, you get **13.4641, 13.7388, 8.8163**, and if you desaturate by 10%, it is **15.4160, 16.0761, 14.2966**.

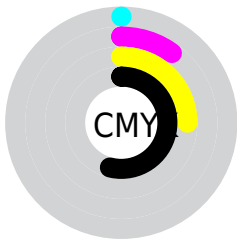
Distribution



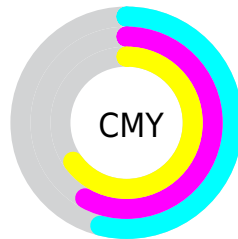
- Red (46%)
- Green (42%)
- Blue (35%)



- Red (42%)
- Yellow (46%)
- Blue (35%)



- Cyan (0%)
- Magenta (10%)
- Yellow (25%)
- Black (54%)



- Cyan (54%)
- Magenta (58%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3867, 14.8642, 11.3433 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 14.3867, 14.8642, 11.3433 by changing the saturation by 10% instead.

■ 14.3867, 14.8642,
11.3433

■ 14.3867, 14.8642,
11.3433

213.0862,
222.5428, 210.8292

■ 8.4736, 8.7241,
6.1812

■ 33.3542, 34.6148,
28.9396

■ 4.4538, 4.5617,
2.8850

■ 47.1393, 48.9941,
42.2108

■ 1.9619, 1.9925,
1.0362

■ 64.2791, 66.8886,
59.0221

■ 0.6124, 0.6031,
0.0000

■ 85.1390, 88.6826,
79.7920

■ 0.0000, 0.0000,
0.0000

■ 110.0842,
114.7607, 104.9392

139.4803,

145.5072, 134.8821

173.6925,
181.3064, 170.0392

■ 14.3867, 14.8642,
11.3433

■ 14.3867, 14.8642,
11.3433

■ 13.4641, 13.7388,
8.8163

■ 15.4160, 16.0761,
14.2966

■ 12.6427, 12.6956,
6.6946

■ 16.5549, 17.3749,
17.6941

■ 11.9185, 11.7326,
4.9566

■ 17.8073, 18.7632,
21.5538

■ 11.2865, 10.8473,
3.5785

■ 19.1769, 20.2431,
25.8925

■ 10.7412, 10.0366,
2.5336

■ 20.6671, 21.8167,
30.7259

■ 10.2764, 9.2974,
1.7915

■ 22.2810, 23.4858,
36.0693

■ 9.8814, 8.6246,
1.2990

■ 24.0218, 25.2523,
41.9371

■ 9.7125, 8.3340,
1.0967

■ 25.8925, 27.1179,
48.3432

■ 27.8959, 29.0845,
55.3010

Harmonies

Analogous

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



15.3304, 14.8642, 12.2294



14.3867, 14.8642, 11.3433



13.4159, 14.8642, 11.6286

Triad

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



14.3867, 14.8642, 11.3433



12.4318, 14.8642, 18.3491



15.6944, 14.8642, 19.7713

Complementary

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



14.3867, 14.8642, 11.3433



11.8516, 12.4967, 18.9271

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.



14.8648, 14.8642, 21.7979



14.3867, 14.8642, 11.3433



12.9902, 14.8642, 20.9120

Square

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



14.3867, 14.8642, 11.3433



12.3172, 14.8642, 15.4592



13.8724, 14.8642, 22.2381



16.1081, 14.8642, 16.9323

Rectangle

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



14.3867, 14.8642, 11.3433



12.8809, 14.8642, 12.4620



13.8724, 14.8642, 22.2381



15.4531, 14.8642, 20.5832

Sweetspot

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



14.3871, 14.8649, 11.3436



28.5331, 29.9010, 29.3734



13.2613, 11.7513, 13.6260



6.5015, 6.8081, 6.5773



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.3871, 14.8649, 11.3436



24.2456, 24.8631, 17.0399



15.3102, 17.3064, 11.7662



3.8496, 4.0322, 3.9177



10.4951, 8.9914, 1.1824



50.2888, 42.1060, 5.4768

Inverse Universe

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



11.8516, 12.4967, 18.9271



18.9179, 19.8883, 32.9787



11.0743, 10.5118, 18.5849



3.6097, 3.8080, 4.6350



4.6339, 3.6075, 18.9946



21.7909, 15.9984, 92.2998

Previews

White Background



This preview shows how the XYZ color 14.3867, 14.8642, 11.3433 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 14.3867, 14.8642, 11.3433 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 14.3867, 14.8642, 11.3433

Background



This preview shows how black text looks on a background with the XYZ color 14.3867, 14.8642, 11.3433.

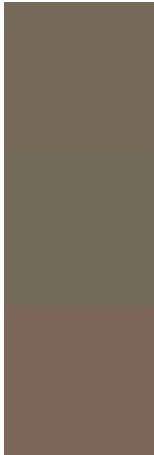


This preview shows how white text looks on a background with the XYZ color 14.3867, 14.8642,

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

14.3867, 14.8642, 11.3433

Protanopia

14.0003, 14.8141, 11.5727

Deuteranopia

15.1109, 14.7817, 11.5079



Tritanopia

15.6046, 14.9131, 17.0950

Trichromacy



Original Color

14.3867, 14.8642, 11.3433

Protanomaly

14.1311, 14.8815, 11.5788

Deuteranomaly

14.7795, 14.7595, 11.5211

Tritanomaly

15.1442, 14.8730, 14.9045

Monochromacy



Original Color

14.3867, 14.8642, 11.3433

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2887, 14.8997, 14.4348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3867, 14.8642, 11.3433 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(118, 106, 88)` looks like.

```
.text, #text, p{  
    color:rgb(118, 106, 88)  
}
```

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(118, 106, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 106, 88) }
```

Border

The CSS property to change the border of an element to XYZ 14.3867, 14.8642, 11.3433 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(118, 106, 88) }
```


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

```
.border{ border-color:rgb(118, 106, 88) }
```

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

Here you see how a box with a 4 pixel rgb(118, 106, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 106, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 106, 88);  
box-shadow:4px 4px 4px 4px rgb(118, 106,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3867, 14.8642, 11.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 106, 88) }
```

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

```
.background{ background-color: rgb(118,  
106, 88) }
```

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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