

Converting Colors

XYZ(15.3639, 15.2637, 15.3275)

Have a look what the booklet for
XYZ(15.3639, 15.2637, 15.3275)
contains.

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Color

**XYZ(15.3985, 15.3006,
15.2384)**

Conversions

Conversions Part 1

Format	Color
Hex	786A68
RGB	120, 106, 104
RGB Percent	47%, 42%, 41%
CMY	0.5294, 0.5843, 0.5922
CMYK	0.00, 0.12, 0.13, 0.53
HSL	8°, 7%, 44%
HSV	8°, 13%, 47%
XYZ	15.3985, 15.3006, 15.2384
YIQ	109.9580, 8.9860, 2.3460

Conversions

Conversions Part 2

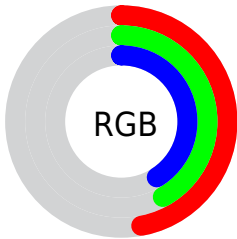
Format	Color
R _Y B	120, 106, 104
Decimal	7891560
CIE Lab	46.04, 5.15, 3.13
CIE LCh	46, 6.024, 31.335
Yxy	15.3006, 0.3352, 0.3331
Android (android.graphics.Color)	4286081640 (0xFF786A68)
YUV	109.9580, -2.9373, 8.8068
Hunter-Lab	39.1160, 1.8158, 4.2836

Details

The XYZ color **15.3985, 15.3006, 15.2384** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.5775, 17.2558, 20.2793**, and the grayscale version is **14.8157, 15.5872, 16.9745**.

A 20% lighter version of the original color is **34.9866, 35.2512, 35.9705**, and **4.9010, 4.7629, 4.5319** is the 20% darker color. If you saturate the color by 10%, you get **13.8154, 13.0414, 11.9144**, and if you desaturate by 10%, it is **17.2017, 17.8608, 19.0641**.

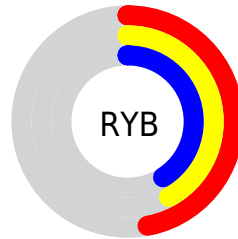
Distribution



Red (47%)

Green (42%)

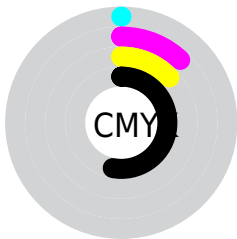
Blue (41%)



Red (47%)

Yellow (42%)

Blue (41%)

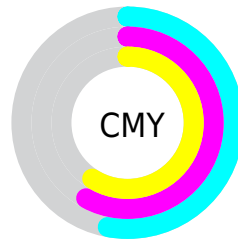


Cyan (0%)

Magenta (12%)

Yellow (13%)

Black (53%)



Cyan (53%)

Magenta (58%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3985, 15.3006, 15.2384 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 15.3985, 15.3006, 15.2384 by changing the saturation by 10% instead.

■ 15.3985, 15.3006,
15.2384

■ 15.3985, 15.3006,
15.2384

219.1066,
225.1785, 236.4950

■ 9.1877, 9.0306,
8.8384

■ 35.1167, 35.3797,
36.0191

■ 4.9219, 4.7612,
4.5405

■ 49.3548, 49.9575,
51.2368

■ 2.2358, 2.1078,
1.9263

■ 66.9994, 68.0735,
70.2309

■ 0.7615, 0.6690,
0.5094

■ 88.4157, 90.1120,
93.4198

■ 0.0000, 0.0000,
0.0000

113.9693,
116.4573, 121.2221

144.0254,

147.4939, 154.0564

178.9494,
183.6062, 192.3412

■ 15.3985, 15.3006,
15.2384

■ 15.3985, 15.3006,
15.2384

■ 13.8154, 13.0414,
11.9144

■ 17.2017, 17.8608,
19.0641

■ 12.4428, 11.0702,
9.0705

■ 19.2316, 20.7304,
23.4101

■ 11.2720, 9.3761,
6.6846

■ 21.4963, 23.9200,
28.2954

■ 10.2936, 7.9464,
4.7327

■ 24.0029, 27.4391,
33.7374

■ 9.4970, 6.7679,
3.1887

■ 26.7584, 31.2967,
39.7531

■ 8.8709, 5.8260,
2.0235

■ 29.7694, 35.5016,
46.3585

■ 8.4026, 5.1045,
1.2042

■ 33.0422, 40.0621,
53.5690

■ 8.0769, 4.5850,
0.6890

■ 36.5830, 44.9865,
61.3997

■ 7.9169, 4.3352,
0.4195

■ 40.3977, 50.2825,
69.8648

Harmonies

Analogous

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



15.5476, 15.3006, 16.5943



15.3985, 15.3006, 15.2384



15.0193, 15.3006, 14.3100

Triad

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



15.3985, 15.3006, 15.2384



13.6973, 15.3006, 15.3457



14.5657, 15.3006, 19.6352

Complementary

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



15.3985, 15.3006, 15.2384



15.5775, 17.2558, 20.2793

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.



14.0764, 15.3006, 19.2536



15.3985, 15.3006, 15.2384



13.5822, 15.3006, 16.7254

Square

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



15.3985, 15.3006, 15.2384



14.0376, 15.3006, 14.3693



13.7193, 15.3006, 18.1668



15.0599, 15.3006, 19.1815

Rectangle

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



15.3985, 15.3006, 15.2384



14.6913, 15.3006, 14.0292



13.7193, 15.3006, 18.1668



14.3952, 15.3006, 19.6002

Sweetspot

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



15.3989, 15.3013, 15.2387



29.9978, 31.0502, 32.9835



15.9743, 15.2051, 19.2744



7.0584, 7.2866, 7.7086



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

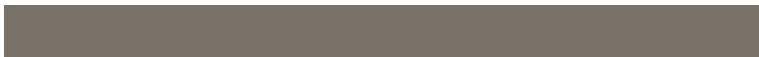
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.3989, 15.3013, 15.2387



26.1914, 25.6410, 24.9216



16.2470, 16.9974, 15.5214



4.0350, 4.0885, 4.2010



8.6301, 4.7161, 0.4554



40.8136, 21.7906, 2.0549

Inverse Universe

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



15.5775, 17.2558, 20.2793



26.5696, 29.7816, 35.6011



14.6897, 15.4800, 19.9834



4.0663, 4.4310, 5.0841



9.2008, 12.4841, 21.3100



43.4620, 58.6967, 101.5087

Previews

White Background



This preview shows how the XYZ color 15.3985, 15.3006, 15.2384 looks on a white background.

Color Contrast Check

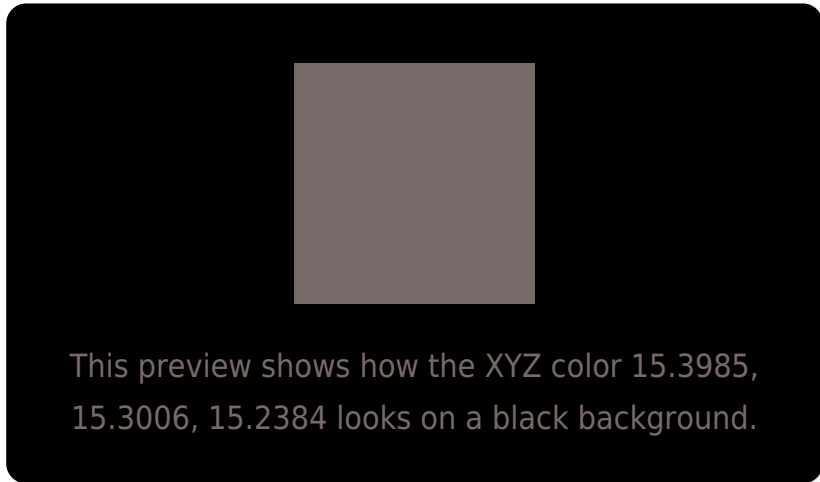
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 15.3985, 15.3006, 15.2384

Background



This preview shows how black text looks on a background with the XYZ color 15.3985, 15.3006, 15.2384.



This preview shows how white text looks on a background with the XYZ color 15.3985, 15.3006,

15.2384.

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

15.3985, 15.3006, 15.2384

Protanopia

14.7005, 15.4019, 15.5627

Deuteranopia

15.5763, 15.2402, 15.2174



Tritanopia

15.9174, 15.3604, 17.7487

Trichromacy



Original Color

15.3985, 15.3006, 15.2384

Protanomaly

14.9826, 15.3899, 15.5455

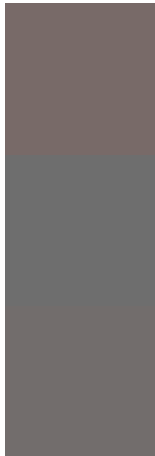
Deuteranomaly

15.4354, 15.1676, 15.2108

Tritanomaly

15.7512, 15.2939, 16.8737

Monochromacy



Original Color

15.3985, 15.3006, 15.2384

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.1148, 15.5974, 16.4013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3985, 15.3006, 15.2384 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(120, 106, 104)` looks like.

```
.text, #text, p{  
    color:rgb(120, 106, 104)  
}
```

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(120, 106, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 106, 104) }
```

Border

The CSS property to change the border of an element to XYZ 15.3985, 15.3006, 15.2384 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(120, 106, 104) }
```


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

```
.border{ border-color:rgb(120, 106, 104) }
```

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

Here you see how a box with a 4 pixel rgb(120, 106, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 106, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 106, 104);  
box-shadow:4px 4px 4px 4px rgb(120, 106,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3985, 15.3006, 15.2384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 106, 104) }
```

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

```
.background{ background-color: rgb(120,  
106, 104) }
```

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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