

Converting Colors

XYZ(15.4100, 15.5286, 14.8802)

Have a look what the booklet for
XYZ(15.4100, 15.5286, 14.8802)
contains.

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Color

**XYZ(15.4017, 15.4678,
14.7442)**

Conversions

Conversions Part 1

Format	Color
Hex	786B66
RGB	120, 107, 102
RGB Percent	47%, 42%, 40%
CMY	0.5294, 0.5804, 0.6000
CMYK	0.00, 0.11, 0.15, 0.53
HSL	17°, 8%, 44%
HSV	17°, 15%, 47%
XYZ	15.4017, 15.4678, 14.7442
YIQ	110.3170, 9.3530, 1.2010

Conversions

Conversions Part 2

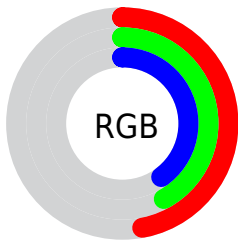
Format	Color
R_{YB}	120, 109, 102
Decimal	7891814
CIE Lab	46.27, 4.19, 4.66
CIE LCh	46, 6.267, 47.989
Yxy	15.4678, 0.3377, 0.3391
Android (android.graphics.Color)	4286081894 (0xFF786B66)
YUV	110.3170, -4.1003, 8.4920
Hunter-Lab	39.3291, 1.0765, 5.3030

Details

The XYZ color **15.4017, 15.4678, 14.7442** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.0003, 16.4419, 20.1524**, and the grayscale version is **14.9220, 15.6991, 17.0963**.

A 20% lighter version of the original color is **34.9899, 35.5243, 35.1497**, and **4.9040, 4.8471, 4.2916** is the 20% darker color. If you saturate the color by 10%, you get **13.9907, 13.5301, 11.5472**, and if you desaturate by 10%, it is **16.9903, 17.6224, 18.4258**.

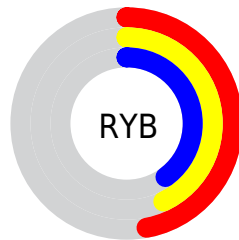
Distribution



Red (47%)

Green (42%)

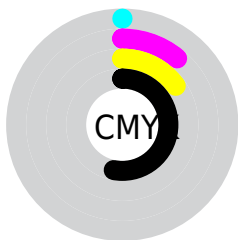
Blue (40%)



Red (47%)

Yellow (43%)

Blue (40%)

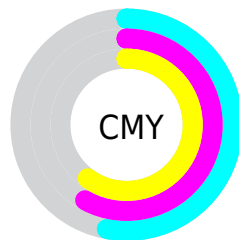


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (53%)



Cyan (53%)

Magenta (58%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4017, 15.4678, 14.7442 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 15.4017, 15.4678, 14.7442 by changing the saturation by 10% instead.

■ 15.4017, 15.4678,
14.7442

■ 15.4017, 15.4678,
14.7442

219.1254,
226.1805, 233.3999

■ 9.1899, 9.1484,
8.4954

■ 35.1223, 35.6718,
35.1397

■ 4.9234, 4.8381,
4.3213

■ 49.3618, 50.3251,
50.1236

■ 2.2367, 2.1526,
1.8032

■ 67.0079, 68.5252,
68.8562

■ 0.7620, 0.6939,
0.4301

■ 88.4260, 90.6564,
91.7561

■ 0.0000, 0.0000,
0.0000

113.9815,
117.1031, 119.2419

144.0396,

148.2498, 151.7321

178.9658,
184.4808, 189.6453

■ 15.4017, 15.4678,
14.7442

■ 15.4017, 15.4678,
14.7442

■ 13.9907, 13.5301,
11.5472

■ 16.9903, 17.6224,
18.4258

■ 12.7496, 11.8005,
8.8136

■ 18.7612, 19.9984,
22.6102

■ 11.6722, 10.2725,
6.5220

■ 20.7206, 22.6027,
27.3158

■ 10.7513, 8.9387,
4.6488

■ 22.8738, 25.4411,
32.5596

■ 9.9790, 7.7909,
3.1684

■ 25.2262, 28.5193,
38.3581

■ 9.3469, 6.8205,
2.0522

■ 27.7828, 31.8430,
44.7269

■ 8.8456, 6.0181,
1.2677

■ 30.5484, 35.4175,
51.6812

■ 8.4617, 5.3723,
0.7633

■ 33.5277, 39.2479,
59.2353

■ 8.2994, 5.1004,
0.5470

■ 36.7253, 43.3392,
67.4032

Harmonies

Analogous

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



15.7030, 15.4678, 15.9473



15.4017, 15.4678, 14.7442



14.9170, 15.4678, 14.1188

Triad

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



15.4017, 15.4678, 14.7442



13.7173, 15.4678, 16.2355



15.0220, 15.4678, 19.8054

Complementary

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



15.4017, 15.4678, 14.7442



15.0003, 16.4419, 20.1524

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.



14.4884, 15.4678, 19.8942



15.4017, 15.4678, 14.7442



13.7438, 15.4678, 17.7691

Square

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



15.4017, 15.4678, 14.7442



13.9497, 15.4678, 14.9441



14.0232, 15.4678, 19.1295



15.4802, 15.4678, 18.8937

Rectangle

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



15.4017, 15.4678, 14.7442



14.5590, 15.4678, 14.0868



14.0232, 15.4678, 19.1295



14.8453, 15.4678, 19.9344

Sweetspot

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



15.4021, 15.4685, 14.7445



30.1502, 31.3552, 33.0343



15.6033, 14.7384, 18.3026



7.0999, 7.3697, 7.7224



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

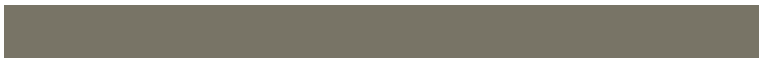
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.4021, 15.4685, 14.7445



26.2006, 25.9907, 23.9033



16.3665, 17.3972, 15.0660



4.0806, 4.1797, 4.2162



9.0432, 5.5422, 0.5931



42.5083, 25.1800, 2.6198

Inverse Universe

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



15.0003, 16.4419, 20.1524



25.3510, 28.0468, 35.3305



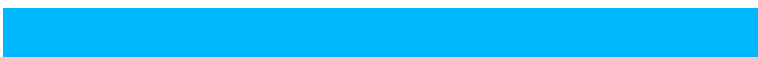
14.0445, 14.5304, 19.8338



4.0174, 4.3331, 5.0678



7.3736, 8.8296, 20.7009



34.4293, 40.6313, 98.4978

Previews

White Background



This preview shows how the XYZ color 15.4017, 15.4678, 14.7442 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 15.4017, 15.4678, 14.7442 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

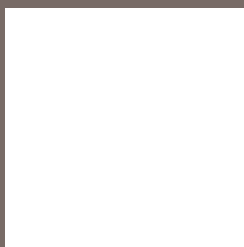
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4017, 15.4678, 14.7442

Background



This preview shows how black text looks on a background with the XYZ color 15.4017, 15.4678, 14.7442.



This preview shows how white text looks on a background with the XYZ color 15.4017, 15.4678,

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

15.4017, 15.4678, 14.7442

Protanopia

14.7269, 15.4273, 15.0335

Deuteranopia

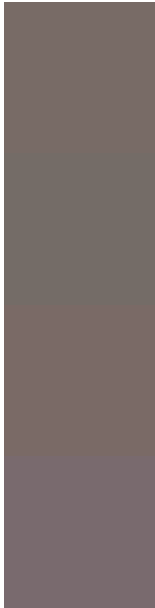
15.7207, 15.4783, 14.7294



Tritanopia

16.1149, 15.4556, 18.0535

Trichromacy



Original Color

15.4017, 15.4678, 14.7442

Protanomaly

15.0132, 15.4174, 15.0165

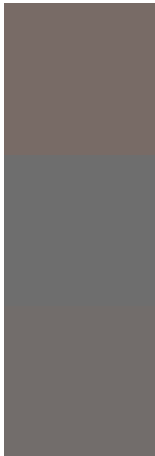
Deuteranomaly

15.5783, 15.4050, 14.7228

Tritanomaly

15.8537, 15.4988, 16.9078

Monochromacy



Original Color

15.4017, 15.4678, 14.7442

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.0619, 15.5762, 16.1226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4017, 15.4678, 14.7442 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, 107, 102)` looks like.

```
.text, #text, p{  
    color:rgb(120, 107, 102)  
}
```

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, 107, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 107, 102) }
```

Border

The CSS property to change the border of an element to XYZ 15.4017, 15.4678, 14.7442 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, 107, 102) }
```


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

```
.border{ border-color:rgb(120, 107, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 107, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 107, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 107, 102);  
box-shadow:4px 4px 4px 4px rgb(120, 107,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4017, 15.4678, 14.7442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 107, 102) }
```

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

```
.background{ background-color: rgb(120,  
107, 102) }
```

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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