

Converting Colors

XYZ(15.1045, 15.9453, 16.3888)

Have a look what the booklet for
XYZ(15.1045, 15.9453, 16.3888)
contains.

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Color

**XYZ(15.0733, 15.8963,
16.4612)**

Conversions

Conversions Part 1

Format	Color
Hex	706F6C
RGB	112, 111, 108
RGB Percent	44%, 44%, 42%
CMY	0.5608, 0.5647, 0.5765
CMYK	0.00, 0.01, 0.04, 0.56
HSL	45°, 2%, 43%
HSV	45°, 4%, 44%
XYZ	15.0733, 15.8963, 16.4612
YIQ	110.9570, 1.5590, -0.7210

Conversions

Conversions Part 2

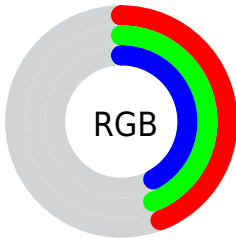
Format	Color
RYB	109, 112, 108
Decimal	7368556
CIELab	46.84, -0.21, 1.80
CIElCh	47, 1.810, 96.766
Yxy	15.8963, 0.3178, 0.3351
Android (android.graphics.Color)	4285558636 (0xFF706F6C)
YUV	110.9570, -1.4578, 0.9147
Hunter-Lab	39.8702, -2.2891, 3.4300

Details

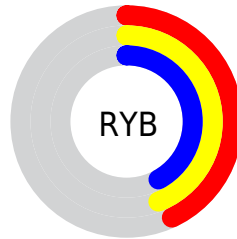
The XYZ color **15.0733, 15.8963, 16.4612** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.5776, 15.2951, 17.5134**, and the grayscale version is **15.1011, 15.8875, 17.3015**.

A 20% lighter version of the original color is **34.6650, 36.5901, 38.0364**, and **4.7342, 4.9819, 5.1270** is the 20% darker color. If you saturate the color by 10%, you get **14.2151, 15.0732, 13.4208**, and if you desaturate by 10%, it is **16.0185, 16.7705, 19.9089**.

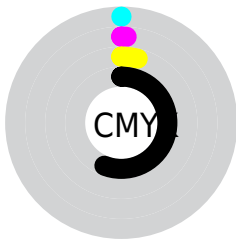
Distribution



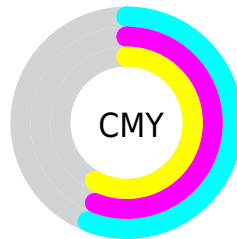
- Red (44%)
- Green (44%)
- Blue (42%)



- Red (43%)
- Yellow (44%)
- Blue (42%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (56%)



- Cyan (56%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0733, 15.8963, 16.4612 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 15.0733, 15.8963, 16.4612 by changing the saturation by 10% instead.

■ 15.0733, 15.8963,
16.4612

■ 15.0733, 15.8963,
16.4612

217.1890,
228.7290, 243.9859

■ 8.9575, 9.4508,
9.6932

■ 34.5523, 36.4181,
38.1749

■ 4.7704, 5.0364,
5.0931

■ 48.6462, 51.2632,
53.9577

■ 2.1465, 2.2686,
2.2423

■ 66.1303, 69.6769,
73.5825

■ 0.7143, 0.7570,
0.6986

■ 87.3697, 92.0436,
97.4679

■ 0.0000, 0.0000,
0.0000

112.7300,
118.7478, 126.0324

142.5764,

150.1739, 159.6946

177.2743,
186.7061, 198.8729

■ 15.0733, 15.8963,
16.4612

■ 15.0733, 15.8963,
16.4612

■ 14.2151, 15.0732,
13.4208

■ 16.0185, 16.7705,
19.9089

■ 13.4396, 14.2978,
10.7714

■ 17.0523, 17.6951,
23.7772

■ 12.7441, 13.5693,
8.4970

■ 18.1778, 18.6718,
28.0804

■ 12.1253, 12.8864,
6.5803

■ 19.3975, 19.7020,
32.8315

■ 11.5794, 12.2474,
5.0025

■ 20.7138, 20.7866,
38.0430

■ 11.1025, 11.6505,
3.7432

■ 22.1293, 21.9267,
43.7271

■ 10.6902, 11.0939,
2.7796

■ 23.6461, 23.1235,
49.8954

■ 10.3375, 10.5754,
2.0860

■ 25.2664, 24.3778,
56.5591

■ 10.0374, 10.0921,
1.6257

■ 26.9924, 25.6908,
63.7290

Harmonies

Analogous

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



15.2288, 15.8963, 16.5235



15.0733, 15.8963, 16.4612



14.9284, 15.8963, 16.6227

Triad

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



15.0733, 15.8963, 16.4612



14.8676, 15.8963, 17.8328



15.3890, 15.8963, 17.6528

Complementary

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



15.0733, 15.8963, 16.4612



14.5776, 15.2951, 17.5134

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.



15.2910, 15.8963, 18.0126



15.0733, 15.8963, 16.4612



14.9898, 15.8963, 18.1177

Square

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



15.0733, 15.8963, 16.4612



14.8102, 15.8963, 17.4108



15.1447, 15.8963, 18.1841



15.4117, 15.8963, 17.2064

Rectangle

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



15.0733, 15.8963, 16.4612



14.8570, 15.8963, 16.8373



15.1447, 15.8963, 18.1841



15.3637, 15.8963, 17.7881

Sweetspot

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



15.0737, 15.8970, 16.4615



26.8884, 28.3090, 30.3911



14.8052, 15.2742, 16.6361



6.4629, 6.8040, 7.3127



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



15.0737, 15.8970, 16.4615



26.3963, 27.8474, 28.6158



15.0567, 16.0508, 16.4921



3.6712, 3.8739, 3.9581



11.3763, 11.2851, 1.5786



55.9617, 54.7987, 7.6277

Inverse Universe

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



14.5776, 15.2951, 17.5134



25.3980, 26.6362, 30.7325



14.5941, 15.1464, 17.4838



3.5189, 3.6893, 4.2808



3.8430, 2.2763, 17.9584



18.5502, 10.1522, 89.2610

Previews

White Background



This preview shows how the XYZ color 15.0733, 15.8963, 16.4612 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 15.0733, 15.8963, 16.4612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

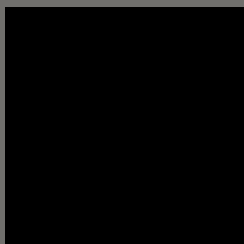
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

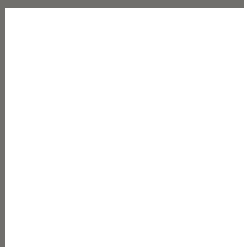
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0733, 15.8963, 16.4612

Background



This preview shows how black text looks on a background with the XYZ color 15.0733, 15.8963, 16.4612.



This preview shows how white text looks on a background with the XYZ color 15.0733, 15.8963,

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

15.0733, 15.8963, 16.4612

Protanopia

15.2221, 15.8120, 16.4371

Deuteranopia

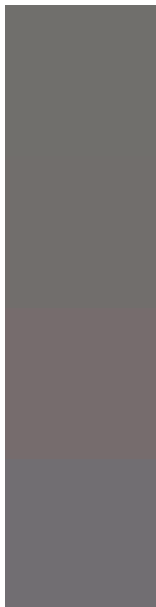
16.0441, 15.7571, 16.6638



Tritanopia

15.6781, 15.8227, 19.3673

Trichromacy



Original Color

15.0733, 15.8963, 16.4612

Protanomaly

15.0928, 15.7453, 16.4310

Deuteranomaly

15.5941, 15.6808, 16.6728

Tritanomaly

15.4232, 15.8775, 18.1714

Monochromacy



Original Color

15.0733, 15.8963, 16.4612

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.0545, 15.8742, 17.0224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0733, 15.8963, 16.4612 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(112, 111, 108)` looks like.

```
.text, #text, p{  
    color:rgb(112, 111, 108)  
}
```

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(112, 111, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 111, 108) }
```

Border

The CSS property to change the border of an element to XYZ 15.0733, 15.8963, 16.4612 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(112, 111, 108) }
```


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

```
.border{ border-color:rgb(112, 111, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 111, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 111, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 111, 108);  
box-shadow:4px 4px 4px 4px rgb(112, 111,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0733, 15.8963, 16.4612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 111, 108) }
```

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

```
.background{ background-color: rgb(112,  
111, 108) }
```

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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