

Converting Colors

XYZ(15.2695, 16.1791, 16.7399)

Have a look what the booklet for
XYZ(15.2695, 16.1791, 16.7399)
contains.

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Color

**XYZ(15.2366, 16.1372,
16.7797)**

Conversions

Conversions Part 1

Format	Color
Hex	70706D
RGB	112, 112, 109
RGB Percent	44%, 44%, 43%
CMY	0.5608, 0.5608, 0.5725
CMYK	0.00, 0.00, 0.03, 0.56
HSL	60°, 1%, 43%
HSV	60°, 3%, 44%
XYZ	15.2366, 16.1372, 16.7797
YIQ	111.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

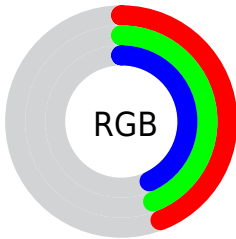
Format	Color
R_{YB}	109, 112, 109
Decimal	7368813
CIE Lab	47.15, -0.60, 1.66
CIE LCh	47, 1.764, 109.906
Yxy	16.1372, 0.3164, 0.3351
Android (android.graphics.Color)	4285558893 (0xFF70706D)
YUV	111.6580, -1.3104, 0.2999
Hunter-Lab	40.1711, -2.5958, 3.3540

Details

The XYZ color **15.2366, 16.1372, 16.7797** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.7005, 15.3587, 17.5198**, and the grayscale version is **15.3049, 16.1019, 17.5350**.

A 20% lighter version of the original color is **34.9305, 36.9815, 38.5548**, and **4.8172, 5.1046, 5.2888** is the 20% darker color. If you saturate the color by 10%, you get **14.6711, 15.9114, 13.8039**, and if you desaturate by 10%, it is **15.8799, 16.3951, 20.1609**.

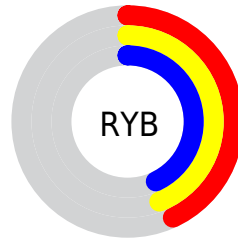
Distribution



Red (44%)

Green (44%)

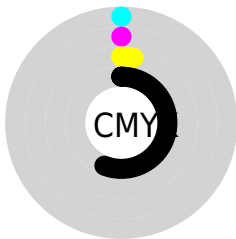
Blue (43%)



Red (43%)

Yellow (44%)

Blue (43%)

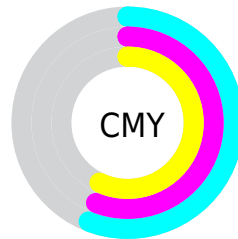


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2366, 16.1372, 16.7797 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 15.2366, 16.1372, 16.7797 by changing the saturation by 10% instead.

■ 15.2366, 16.1372,
16.7797

■ 15.2366, 16.1372,
16.7797

218.1540,
230.1499, 245.9005

■ 9.0730, 9.6213,
9.9173

■ 34.8360, 36.8362,
38.7321

■ 4.8463, 5.1486,
5.2392

■ 49.0025, 51.7881,
54.6591

■ 2.1912, 2.3347,
2.3271

■ 66.5673, 70.3208,
74.4446

■ 0.7381, 0.7920,
0.7464

■ 87.8958, 92.8187,
98.5074

■ 0.0000, 0.0000,
0.0000

113.3534,
119.6662, 127.2658

143.3054,

151.2476, 161.1384

178.1171,
187.9474, 200.5438

■ 15.2366, 16.1372,
16.7797

■ 15.2366, 16.1372,
16.7797

■ 14.6711, 15.9114,
13.8039

■ 15.8799, 16.3951,
20.1609

■ 14.1791, 15.7145,
11.2173

■ 16.6023, 16.6842,
23.9609

■ 13.7581, 15.5460,
9.0042

■ 17.4068, 17.0061,
28.1937

■ 13.4047, 15.4046,
7.1472

■ 18.2961, 17.3619,
32.8722

■ 13.1153, 15.2888,
5.6279

■ 19.2724, 17.7525,
38.0091

■ 12.8863, 15.1971,
4.4258

■ 20.3379, 18.1788,
43.6163

■ 12.7133, 15.1277,
3.5187

■ 21.4950, 18.6417,
49.7053

■ 12.5914, 15.0789,
2.8810

■ 22.7457, 19.1421,
56.2874

■ 12.5145, 15.0481,
2.4804

■ 24.0921, 19.6807,
63.3732

Harmonies

Analogous

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



15.3903, 16.1372, 16.7431



15.2366, 16.1372, 16.7797



15.1109, 16.1372, 17.0263

Triad

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



15.2366, 16.1372, 16.7797



15.1466, 16.1372, 18.2322



15.6334, 16.1372, 17.7208

Complementary

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



15.2366, 16.1372, 16.7797



14.7005, 15.3587, 17.5198

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.



15.5672, 16.1372, 18.1266



15.2366, 16.1372, 16.7797



15.2857, 16.1372, 18.4251

Square

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



15.2366, 16.1372, 16.7797



15.0592, 16.1372, 17.8631



15.4397, 16.1372, 18.3861



15.6201, 16.1372, 17.2814

Rectangle

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



15.2366, 16.1372, 16.7797



15.0595, 16.1372, 17.2788



15.4397, 16.1372, 18.3861



15.6197, 16.1372, 17.8658

Sweetspot

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



15.2371, 16.1379, 16.7801



26.9438, 28.4199, 30.4096



14.9115, 15.4865, 16.6715



6.4752, 6.8286, 7.3167



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.



15.2371, 16.1379, 16.7801



26.7243, 28.3321, 29.2553



15.0478, 16.0404, 16.7712



3.7179, 3.9466, 4.0381



14.4142, 17.3745, 2.5939



71.8009, 86.5488, 12.9213

Inverse Universe

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



14.7005, 15.3587, 17.5198



25.6443, 26.7638, 30.7441



14.8865, 15.4546, 17.5285



3.5424, 3.6918, 4.2801



3.3819, 1.3529, 17.8045



16.8443, 6.7379, 88.6919

Previews

White Background



This preview shows how the XYZ color 15.2366, 16.1372, 16.7797 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 15.2366, 16.1372, 16.7797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

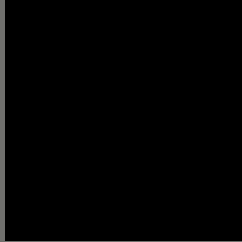
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.2366, 16.1372, 16.7797

Background



This preview shows how black text looks on a background with the XYZ color 15.2366, 16.1372, 16.7797.



This preview shows how white text looks on a background with the XYZ color 15.2366, 16.1372,

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

15.2366, 16.1372, 16.7797

Protanopia

15.3842, 16.0504, 16.7552

Deuteranopia

16.3454, 16.0619, 16.9906



Tritanopia

15.8451, 16.0612, 19.7178

Trichromacy



Original Color

15.2366, 16.1372, 16.7797

Protanomaly

15.2548, 15.9837, 16.7491

Deuteranomaly

15.8909, 15.9850, 16.9997

Tritanomaly

15.5890, 16.1174, 18.5090

Monochromacy



Original Color

15.2366, 16.1372, 16.7797

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.3455, 16.1808, 17.3533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2366, 16.1372, 16.7797 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, 112, 109)` looks like.

```
.text, #text, p{  
    color:rgb(112, 112, 109)  
}
```

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, 112, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 112, 109) }
```

Border

The CSS property to change the border of an element to XYZ 15.2366, 16.1372, 16.7797 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, 112, 109) }
```


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

```
.border{ border-color:rgb(112, 112, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 112, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 112, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 112, 109);  
box-shadow:4px 4px 4px 4px rgb(112, 112,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2366, 16.1372, 16.7797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 112, 109) }
```

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

```
.background{ background-color: rgb(112,  
112, 109) }
```

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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