

Converting Colors

XYZ(15.3022, 15.1487, 16.8767)

Have a look what the booklet for
XYZ(15.3022, 15.1487, 16.8767)
contains.

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Color

**XYZ(15.3046, 15.2158,
16.8821)**

Conversions

Conversions Part 1

Format	Color
Hex	756A6E
RGB	117, 106, 110
RGB Percent	46%, 42%, 43%
CMY	0.5412, 0.5843, 0.5686
CMYK	0.00, 0.09, 0.06, 0.54
HSL	338°, 5%, 44%
HSV	338°, 9%, 46%
XYZ	15.3046, 15.2158, 16.8821
YIQ	109.7450, 5.2720, 3.5760

Conversions

Conversions Part 2

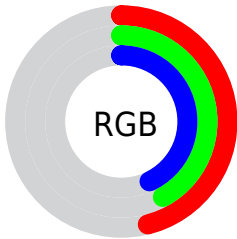
Format	Color
R_{YB}	117, 106, 110
Decimal	7694958
CIE Lab	45.93, 5.09, -0.67
CIE LCh	46, 5.130, 352.475
Yxy	15.2158, 0.3229, 0.3210
Android (android.graphics.Color)	4285885038 (0xFF756A6E)
YUV	109.7450, 0.1257, 6.3626
Hunter-Lab	39.0074, 1.7716, 1.6450

Details

The XYZ color **15.3046, 15.2158, 16.8821** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.2864, 16.9793, 18.0953**, and the grayscale version is **14.7469, 15.5149, 16.8958**.

A 20% lighter version of the original color is **34.9407, 35.1576, 39.1269**, and **4.9154, 4.7520, 5.3608** is the 20% darker color. If you saturate the color by 10%, you get **13.7917, 12.8117, 14.4608**, and if you desaturate by 10%, it is **17.0170, 17.9639, 19.5385**.

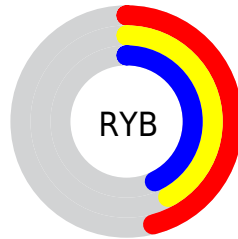
Distribution



Red (46%)

Green (42%)

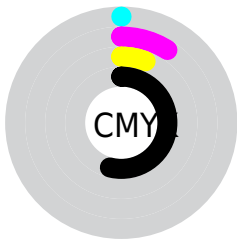
Blue (43%)



Red (46%)

Yellow (42%)

Blue (43%)

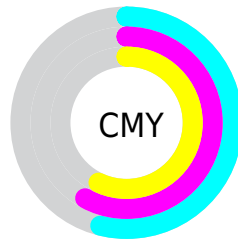


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (54%)



Cyan (54%)

Magenta (58%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3046, 15.2158, 16.8821 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 15.3046, 15.2158, 16.8821 by changing the saturation by 10% instead.

■ 15.3046, 15.2158,
16.8821

■ 15.3046, 15.2158,
16.8821

218.5546,
224.6687, 246.5129

■ 9.1211, 8.9710,
9.9894

■ 34.9539, 35.2313,
38.9108

■ 4.8780, 4.7223,
5.2864

■ 49.1505, 49.7708,
54.8839

■ 2.2099, 2.0852,
2.3546

■ 66.7489, 67.8440,
74.7209

■ 0.7479, 0.6563,
0.7616

■ 88.1144, 89.8352,
98.8403

■ 0.0000, 0.0000,
0.0000

113.6123,
116.1289, 127.6607

143.6081,

147.1094, 161.6005

178.4671,
183.1612, 201.0785

■ 15.3046, 15.2158,
16.8821

■ 15.3046, 15.2158,
16.8821

■ 13.7917, 12.8117,
14.4608

■ 17.0170, 17.9639,
19.5385

■ 12.4695, 10.7360,
12.2669

■ 18.9346, 21.0669,
22.4352

■ 11.3306, 8.9750,
10.2938

■ 21.0646, 24.5375,
25.5787

■ 10.3664, 7.5131,
8.5343

■ 23.4133, 28.3873,
28.9748

■ 9.5677, 6.3333,
6.9807

■ 25.9869, 32.6274,
32.6292

■ 8.9245, 5.4171,
5.6246

■ 28.7913, 37.2684,
36.5472

■ 8.4254, 4.7436,
4.4573

■ 31.8320, 42.3204,
40.7343

■ 8.0575, 4.2887,
3.4688

■ 35.1145, 47.7934,
45.1955

■ 7.7794, 3.9714,
2.6397

■ 38.6442, 53.6967,
49.9358

Harmonies

Analogous

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



15.1335, 15.2158, 18.0649



15.3046, 15.2158, 16.8821



15.2464, 15.2158, 15.6712

Triad

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



15.3046, 15.2158, 16.8821



14.1458, 15.2158, 14.4574



13.9602, 15.2158, 18.5343

Complementary

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



15.3046, 15.2158, 16.8821



15.2864, 16.9793, 18.0953

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.



13.7053, 15.2158, 17.4971



15.3046, 15.2158, 16.8821



13.8109, 15.2158, 15.1551

Square

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



15.3046, 15.2158, 16.8821



14.5716, 15.2158, 14.3111



13.6512, 15.2158, 16.2567



14.3532, 15.2158, 19.0493

Rectangle

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



15.3046, 15.2158, 16.8821



15.0859, 15.2158, 15.0067



13.6512, 15.2158, 16.2567



13.8559, 15.2158, 18.2327

Sweetspot

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



15.3050, 15.2165, 16.8824



29.3025, 30.2855, 33.1886



15.1712, 15.1017, 18.9450



6.6867, 6.8821, 7.5525



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.



15.3050, 15.2165, 16.8824



26.8691, 26.3902, 29.3822



15.2446, 15.4362, 15.8125



3.7339, 3.7208, 4.1254



8.5467, 4.3524, 2.8212



41.2698, 21.0580, 11.7501

Inverse Universe

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



15.3050, 15.2165, 16.8824



26.8691, 26.3902, 29.3822



15.3470, 16.7324, 19.2505



3.7339, 3.7208, 4.1254



8.5467, 4.3524, 2.8212



41.2698, 21.0580, 11.7501

Previews

White Background



This preview shows how the XYZ color 15.3046, 15.2158, 16.8821 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 15.3046, 15.2158, 16.8821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

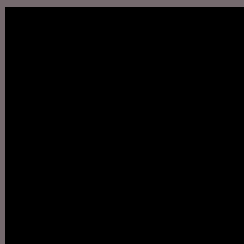
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.3046, 15.2158, 16.8821

Background



This preview shows how black text looks on a background with the XYZ color 15.3046, 15.2158, 16.8821.



This preview shows how white text looks on a background with the XYZ color 15.3046, 15.2158,

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

15.3046, 15.2158, 16.8821

Protanopia

14.6622, 15.1878, 17.1977

Deuteranopia

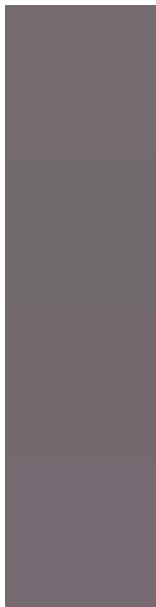
15.4738, 15.1509, 16.8607



Tritanopia

15.5601, 15.1696, 18.0275

Trichromacy



Original Color

15.3046, 15.2158, 16.8821

Protanomaly

14.9370, 15.1738, 17.1805

Deuteranomaly

15.3373, 15.0805, 16.8543

Tritanomaly

15.5034, 15.1470, 17.7293

Monochromacy



Original Color

15.3046, 15.2158, 16.8821

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.0932, 15.5738, 16.9624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3046, 15.2158, 16.8821 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(117, 106, 110)` looks like.

```
.text, #text, p{  
    color:rgb(117, 106, 110)  
}
```

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(117, 106, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 106, 110) }
```

Border

The CSS property to change the border of an element to XYZ 15.3046, 15.2158, 16.8821 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(117, 106, 110) }
```


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

```
.border{ border-color:rgb(117, 106, 110) }
```

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

Here you see how a box with a 4 pixel rgb(117, 106, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 106, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 106, 110);  
box-shadow:4px 4px 4px 4px rgb(117, 106,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3046, 15.2158, 16.8821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 106, 110) }
```

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

```
.background{ background-color: rgb(117,  
106, 110) }
```

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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