

Converting Colors

XYZ(15.2534, 16.0920, 16.5760)

Have a look what the booklet for
XYZ(15.2534, 16.0920, 16.5760)
contains.

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Color

**XYZ(15.3110, 16.1818,
16.5038)**

Conversions

Conversions Part 1

Format	Color
Hex	71706C
RGB	113, 112, 108
RGB Percent	44%, 44%, 42%
CMY	0.5569, 0.5608, 0.5765
CMYK	0.00, 0.01, 0.04, 0.56
HSL	48°, 2%, 43%
HSV	48°, 4%, 44%
XYZ	15.3110, 16.1818, 16.5038
YIQ	111.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

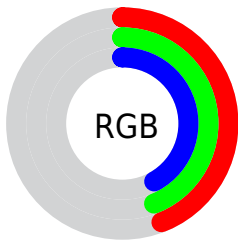
Format	Color
R_{YB}	109, 113, 108
Decimal	7434348
CIE _{Lab}	47.21, -0.41, 2.35
CIE _{LCh}	47, 2.386, 99.894
Yxy	16.1818, 0.3190, 0.3371
Android (android.graphics.Color)	4285624428 (0xFF71706C)
YUV	111.8430, -1.8946, 1.0147
Hunter-Lab	40.2266, -2.4561, 3.8337

Details

The XYZ color **15.3110, 16.1818, 16.5038** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.6336, 15.3174, 17.8082**, and the grayscale version is **15.3605, 16.1604, 17.5987**.

A 20% lighter version of the original color is **35.0505, 37.0535, 38.1056**, and **4.8557, 5.1275, 5.1487** is the 20% darker color. If you saturate the color by 10%, you get **14.5027, 15.4660, 13.4571**, and if you desaturate by 10%, it is **16.2044, 16.9427, 19.9639**.

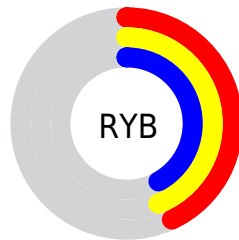
Distribution



Red (44%)

Green (44%)

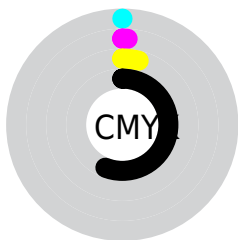
Blue (42%)



Red (43%)

Yellow (44%)

Blue (42%)

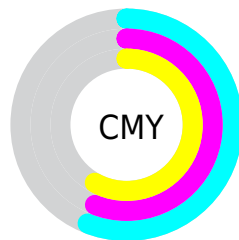


Cyan (0%)

Magenta (1%)

Yellow (4%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3110, 16.1818, 16.5038 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 15.3110, 16.1818, 16.5038 by changing the saturation by 10% instead.

■ 15.3110, 16.1818,
16.5038

■ 15.3110, 16.1818,
16.5038

218.5922,
230.4121, 244.2428

■ 9.1257, 9.6529,
9.7232

■ 34.9650, 36.9135,
38.2495

■ 4.8810, 5.1694,
5.1126

■ 49.1645, 51.8851,
54.0517

■ 2.2117, 2.3470,
2.2536

■ 66.7660, 70.4398,
73.6981

■ 0.7489, 0.7984,
0.7050

■ 88.1349, 92.9618,
97.6073

■ 0.0000, 0.0000,
0.0000

113.6367,
119.8357, 126.1978

143.6366,

151.4458, 159.8882

178.5000,
188.1764, 199.0971

■ 15.3110, 16.1818,
16.5038

■ 15.3110, 16.1818,
16.5038

■ 14.5027, 15.4660,
13.4571

■ 16.2044, 16.9427,
19.9639

■ 13.7752, 14.7918,
10.8071

■ 17.1844, 17.7477,
23.8512

■ 13.1256, 14.1587,
8.5375

■ 18.2542, 18.5987,
28.1801

■ 12.5506, 13.5651,
6.6303

■ 19.4163, 19.4969,
32.9641

■ 12.0464, 13.0096,
5.0663

■ 20.6734, 20.4433,
38.2161

■ 11.6091, 12.4903,
3.8244

■ 22.0276, 21.4389,
43.9484

■ 11.2339, 12.0055,
2.8812

■ 23.4815, 22.4847,
50.1729

■ 10.9160, 11.5530,
2.2099

■ 25.0371, 23.5816,
56.9012

■ 10.6471, 11.1295,
1.7680

■ 26.6966, 24.7307,
64.1443

Harmonies

Analogous

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



15.5196, 16.1818, 16.5549



15.3110, 16.1818, 16.5038



15.1227, 16.1818, 16.7463

Triad

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



15.3110, 16.1818, 16.5038



15.0724, 16.1818, 18.3718



15.7628, 16.1818, 18.0200

Complementary

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



15.3110, 16.1818, 16.5038



14.6336, 15.3174, 17.8082

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.



15.6409, 16.1818, 18.5219



15.3110, 16.1818, 16.5038



15.2419, 16.1818, 18.7282

Square

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



15.3110, 16.1818, 16.5038



14.9857, 16.1818, 17.8188



15.4498, 16.1818, 18.7838



15.7818, 16.1818, 17.4212

Rectangle

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



15.3110, 16.1818, 16.5038



15.0335, 16.1818, 17.0452



15.4498, 16.1818, 18.7838



15.7325, 16.1818, 18.2060

Sweetspot

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



15.3115, 16.1825, 16.5042



27.9438, 29.4311, 31.5741



14.9331, 15.3402, 16.6421



6.4654, 6.8089, 7.3135



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.



15.3115, 16.1825, 16.5042



27.3101, 28.8839, 29.1424



15.2307, 16.3052, 16.5321



3.6596, 3.8715, 3.8906



11.9024, 12.3374, 1.7540



58.6768, 60.2289, 8.5327

Inverse Universe

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



14.6336, 15.3174, 17.8082



25.9080, 27.0945, 31.8398



14.7118, 15.2006, 17.7815



3.4622, 3.6195, 4.2704



3.7058, 2.0019, 17.9127



17.9553, 8.9625, 89.0627

Previews

White Background



This preview shows how the XYZ color 15.3110, 16.1818, 16.5038 looks on a white background.

Color Contrast Check

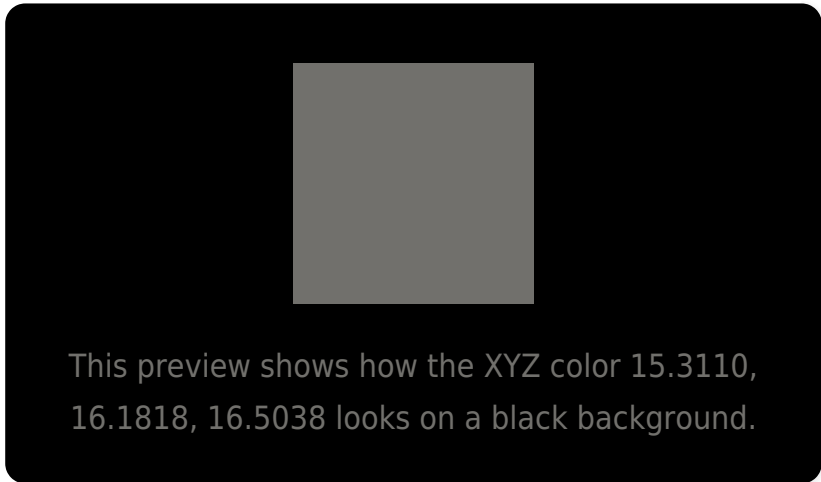
Large Text (above 18pt) WCAG AA ✓ Pass

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

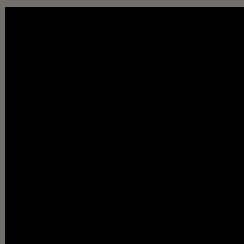
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

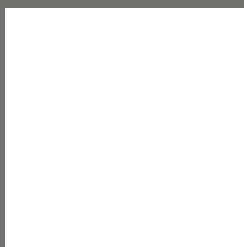
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3110, 16.1818, 16.5038

Background



This preview shows how black text looks on a background with the XYZ color 15.3110, 16.1818, 16.5038.

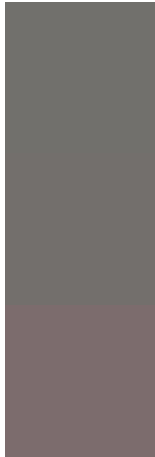


This preview shows how white text looks on a background with the XYZ color 15.3110, 16.1818,

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

15.3110, 16.1818, 16.5038

Protanopia

15.4614, 16.0964, 16.4794

Deuteranopia

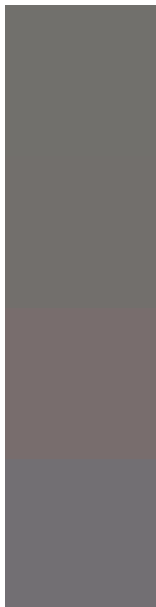
16.4351, 16.1143, 16.7122



Tritanopia

15.9759, 16.1286, 19.7239

Trichromacy



Original Color

15.3110, 16.1818, 16.5038

Protanomaly

15.3306, 16.0290, 16.4733

Deuteranomaly

15.9747, 16.0345, 16.7210

Tritanomaly

15.7184, 16.1841, 18.5150

Monochromacy



Original Color

15.3110, 16.1818, 16.5038

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 15.3110, 16.1818, 16.5038 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(113, 112, 108)` looks like.

```
.text, #text, p{  
    color:rgb(113, 112, 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(113, 112, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 112, 108) }
```

Border

The CSS property to change the border of an element to XYZ 15.3110, 16.1818, 16.5038 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(113, 112, 108) }
```


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

```
.border{ border-color:rgb(113, 112, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 112, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 112, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 112, 108);  
box-shadow:4px 4px 4px 4px rgb(113, 112,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3110, 16.1818, 16.5038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 112, 108) }
```

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

```
.background{ background-color: rgb(113,  
112, 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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