

Converting Colors

XYZ(15.0758, 16.8096, 13.0397)

Have a look what the booklet for
XYZ(15.0758, 16.8096, 13.0397)
contains.

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Color

**XYZ(15.0758, 16.8096,
13.0397)**

Conversions

Conversions Part 1

Format	Color
Hex	71745E
RGB	113, 116, 94
RGB Percent	44%, 45%, 37%
CMY	0.5569, 0.5451, 0.6314
CMYK	0.03, 0.00, 0.19, 0.55
HSL	68°, 10%, 41%
HSV	68°, 19%, 45%
XYZ	15.0758, 16.8096, 13.0397
YIQ	112.5950, 5.2740, -7.4780

Conversions

Conversions Part 2

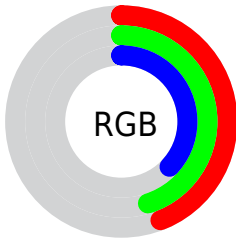
Format	Color
R_{YB}	94, 116, 97
Decimal	7435358
CIE _{Lab}	48.02, -5.29, 11.80
CIE _{LCh}	48, 12.927, 114.151
Yxy	16.8096, 0.3356, 0.3742
Android (android.graphics.Color)	4285625438 (0xFF71745E)
YUV	112.5950, -9.1673, 0.3552
Hunter-Lab	40.9995, -6.1135, 9.8428

Details

The XYZ color **15.0758, 16.8096, 13.0397** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.0855, 11.8082, 18.1661**, and the grayscale version is **15.6016, 16.4141, 17.8750**.

A 20% lighter version of the original color is **34.5537, 38.0182, 31.9026**, and **4.7806, 5.4715, 3.6004** is the 20% darker color. If you saturate the color by 10%, you get **14.3922, 16.5134, 10.4917**, and if you desaturate by 10%, it is **15.8421, 17.1404, 16.0007**.

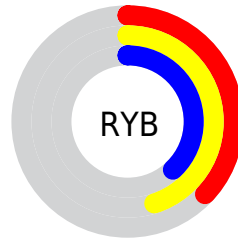
Distribution



Red (44%)

Green (45%)

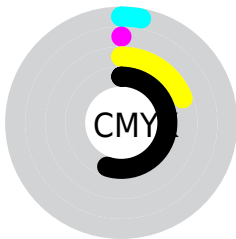
Blue (37%)



Red (37%)

Yellow (45%)

Blue (38%)

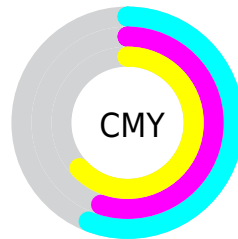


Cyan (3%)

Magenta (0%)

Yellow (19%)

Black (55%)



Cyan (56%)

Magenta (55%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0758, 16.8096, 13.0397 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 15.0758, 16.8096, 13.0397 by changing the saturation by 10% instead.

■ 15.0758, 16.8096,
13.0397

■ 15.0758, 16.8096,
13.0397

217.2038,
234.0728, 222.3887

■ 8.9593, 10.0988,
7.3248

■ 34.5567, 37.9981,
32.0673

■ 4.7715, 5.4645,
3.5846

■ 48.6517, 53.2447,
46.2172

■ 2.1472, 2.5223,
1.4003

■ 66.1370, 72.1053,
64.0157

■ 0.7147, 0.8878,
0.1420

■ 87.3778, 94.9643,
85.8816

■ 0.0000, 0.0000,
0.0000

112.7395,
122.2062, 112.2333

142.5875,

154.2153, 143.4893

177.2872,
191.3760, 180.0683

■ 15.0758, 16.8096,
13.0397

■ 15.0758, 16.8096,
13.0397

■ 14.3922, 16.5134,
10.4917

■ 15.8421, 17.1404,
16.0007

■ 13.7865, 16.2482,
8.3373

■ 16.6931, 17.5050,
19.3908

■ 13.2553, 16.0132,
6.5572

■ 17.6322, 17.9052,
23.2267

■ 12.7946, 15.8068,
5.1299

■ 18.6625, 18.3423,
27.5235

■ 12.3999, 15.6272,
4.0319

■ 19.7868, 18.8174,
32.2961

■ 12.0661, 15.4724,
3.2366

■ 21.0076, 19.3315,
37.5583

■ 11.7874, 15.3400,
2.7137

■ 22.3275, 19.8857,
43.3237

■ 11.5451, 15.2226,
2.3642

■ 23.7491, 20.4810,
49.6050

■ 11.5203, 15.2106,
2.3288

■ 25.2747, 21.1184,
56.4147

Harmonies

Analogous

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



16.2069, 16.8096, 12.6219



15.0758, 16.8096, 13.0397



14.2252, 16.8096, 14.7891

Triad

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



15.0758, 16.8096, 13.0397



14.6977, 16.8096, 24.0258



18.3165, 16.8096, 18.9659

Complementary

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



15.0758, 16.8096, 13.0397



12.0855, 11.8082, 18.1661

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.



17.8671, 16.8096, 22.3331



15.0758, 16.8096, 13.0397



15.7493, 16.8096, 25.4743

Square

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



15.0758, 16.8096, 13.0397



14.0145, 16.8096, 21.0620



16.9135, 16.8096, 24.8200



18.1147, 16.8096, 15.7957

Rectangle

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



15.0758, 16.8096, 13.0397



13.9128, 16.8096, 16.6022



16.9135, 16.8096, 24.8200



18.2359, 16.8096, 20.1158

Sweetspot

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



15.0762, 16.8103, 13.0401



28.2518, 30.3024, 29.7246



13.4919, 13.0587, 12.3994



6.7232, 7.2219, 7.0253



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.



15.0762, 16.8103, 13.0401



25.9275, 29.3000, 20.7652



13.7534, 16.1284, 12.9782



3.9199, 4.2422, 3.9545



12.9166, 17.0631, 2.6127



62.4135, 82.8771, 12.7073

Inverse Universe

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



12.0855, 11.8082, 18.1661



19.5939, 18.7058, 31.6224



13.3319, 12.4507, 18.2244



3.5429, 3.6116, 4.6006



3.7636, 1.5315, 18.6398



17.9027, 7.2377, 90.8137

Previews

White Background



This preview shows how the XYZ color 15.0758, 16.8096, 13.0397 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 15.0758, 16.8096, 13.0397 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

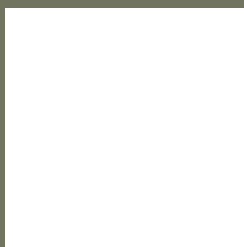
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0758, 16.8096, 13.0397

Background



This preview shows how black text looks on a background with the XYZ color 15.0758, 16.8096, 13.0397.



This preview shows how white text looks on a background with the XYZ color 15.0758, 16.8096,

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

15.0758, 16.8096, 13.0397

Protanopia

15.8783, 16.8899, 12.7791

Deuteranopia

17.0016, 16.8034, 13.1738



Tritanopia

16.5815, 16.7507, 20.4484

Trichromacy



Original Color

15.0758, 16.8096, 13.0397

Protanomaly

15.5777, 16.9033, 12.7976

Deuteranomaly

16.1719, 16.6997, 13.1975

Tritanomaly

15.9768, 16.6710, 17.4147

Monochromacy



Original Color

15.0758, 16.8096, 13.0397

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.4289, 16.5859, 16.0239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0758, 16.8096, 13.0397 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, 116, 94)` looks like.

```
.text, #text, p{  
    color:rgb(113, 116, 94)  
}
```

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, 116, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 116, 94) }
```

Border

The CSS property to change the border of an element to XYZ 15.0758, 16.8096, 13.0397 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, 116, 94) }
```


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

```
.border{ border-color:rgb(113, 116, 94) }
```

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

Here you see how a box with a 4 pixel rgb(113, 116, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 116, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 116, 94);  
box-shadow:4px 4px 4px 4px rgb(113, 116,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0758, 16.8096, 13.0397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 116, 94) }
```

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

```
.background{ background-color: rgb(113,  
116, 94) }
```

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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