

Converting Colors

XYZ(13.4606, 15.0776, 8.5042)

Have a look what the booklet for
XYZ(13.4606, 15.0776, 8.5042)
contains.

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Color

**XYZ(13.4606, 15.0776,
8.5042)**

Conversions

Conversions Part 1

Format	Color
Hex	706E49
RGB	112, 110, 73
RGB Percent	44%, 43%, 29%
CMY	0.5608, 0.5686, 0.7137
CMYK	0.00, 0.02, 0.35, 0.56
HSL	57°, 21%, 36%
HSV	57°, 35%, 44%
XYZ	13.4606, 15.0776, 8.5042
YIQ	106.3800, 13.0690, -11.0830

Conversions

Conversions Part 2

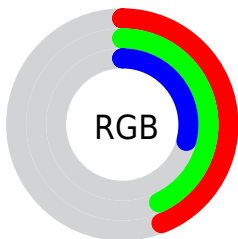
Format	Color
RYB	75, 112, 73
Decimal	7368265
CIELab	45.74, -5.50, 20.96
CIELCh	46, 21.667, 104.703
Yxy	15.0776, 0.3634, 0.4070
Android (android.graphics.Color)	4285558345 (0xFF706E49)
YUV	106.3800, -16.4563, 4.9287
Hunter-Lab	38.8299, -6.0743, 14.1957

Details

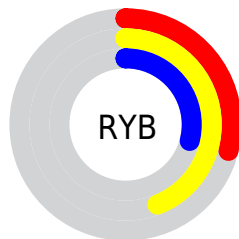
The XYZ color **13.4606, 15.0776, 8.5042** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.1884, 7.6183, 16.3681**, and the grayscale version is **13.8456, 14.5666, 15.8630**.

A 20% lighter version of the original color is **31.5676, 34.7874, 23.4632**, and **4.0370, 4.6956, 1.7922** is the 20% darker color. If you saturate the color by 10%, you get **13.0607, 14.8195, 6.7010**, and if you desaturate by 10%, it is **13.9286, 15.3647, 10.6605**.

Distribution



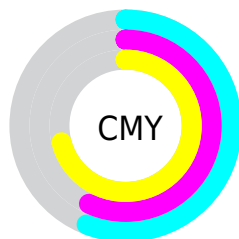
- Red (44%)
- Green (43%)
- Blue (29%)



- Red (29%)
- Yellow (44%)
- Blue (29%)



- Cyan (0%)
- Magenta (2%)
- Yellow (35%)
- Black (56%)



- Cyan (56%)
- Magenta (57%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.4606, 15.0776, 8.5042 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 13.4606, 15.0776, 8.5042 by changing the saturation by 10% instead.

■ 13.4606, 15.0776,
8.5042

■ 13.4606, 15.0776,
8.5042

207.4273,
223.8354, 189.7147

■ 7.8257, 8.8739,
4.3269

■ 31.7232, 34.9893,
23.5034

■ 4.0345, 4.6590,
1.8063

■ 45.0815, 49.4660,
35.1623

■ 1.7216, 2.0486,
0.4321

■ 61.7450, 67.4691,
50.1522

■ 0.4698, 0.6355,
0.0000

■ 82.0790, 89.3831,
68.8916

■ 0.0000, 0.0000,
0.0000

■ 106.4489,
115.5924, 91.7990

135.2200,

146.4812, 119.2929

168.7577,
182.4341, 151.7920

■ 13.4606, 15.0776,
8.5042

■ 13.4606, 15.0776,
8.5042

■ 13.0607, 14.8195,
6.7010

■ 13.9286, 15.3647,
10.6605

■ 12.7241, 14.5868,
5.2310

■ 14.4668, 15.6799,
13.1864

■ 12.4474, 14.3787,
4.0738

■ 15.0787, 16.0253,
16.0987

■ 12.2260, 14.1933,
3.2065

■ 15.7673, 16.4021,
19.4126

■ 12.0551, 14.0288,
2.6028

■ 16.5353, 16.8112,
23.1428

■ 11.9260, 13.8816,
2.2175

■ 17.3854, 17.2538,
27.3029

■ 11.8634, 13.8074,
2.0398

■ 18.3200, 17.7308,
31.9062

■ 19.3415, 18.2433,
36.9653

■ 20.4523, 18.7921,
42.4923

Harmonies

Analogous

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



15.2742, 15.0776, 8.5215



13.4606, 15.0776, 8.5042



12.0069, 15.0776, 10.2728

Triad

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



13.4606, 15.0776, 8.5042



11.9841, 15.0776, 24.5266



17.9793, 15.0776, 19.2062

Complementary

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



13.4606, 15.0776, 8.5042



8.1884, 7.6183, 16.3681

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.



16.9368, 15.0776, 24.6227



13.4606, 15.0776, 8.5042



13.4270, 15.0776, 28.1093

Square

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



13.4606, 15.0776, 8.5042



11.2047, 15.0776, 19.0951



15.2377, 15.0776, 28.1478



17.9902, 15.0776, 14.0017

Rectangle

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



13.4606, 15.0776, 8.5042



11.3933, 15.0776, 12.4951



15.2377, 15.0776, 28.1478



17.7342, 15.0776, 21.0840

Sweetspot

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



13.4610, 15.0783, 8.5045



25.8883, 27.8158, 25.4116



10.3554, 8.7263, 7.9036



6.1918, 6.6669, 5.9731



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.



13.4610, 15.0783, 8.5045



23.0573, 26.1091, 12.2742



11.7266, 14.5077, 8.4858



3.6279, 3.8884, 3.6327



13.7099, 15.9522, 2.3565



68.0990, 79.0732, 11.6735

Inverse Universe

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



8.1884, 7.6183, 16.3681



12.2643, 10.8401, 28.3757



9.5141, 8.1038, 16.3920



3.2301, 3.3254, 4.2258



3.4477, 1.4857, 17.8267



16.9823, 7.0164, 88.7384

Previews

White Background



This preview shows how the XYZ color 13.4606, 15.0776, 8.5042 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 13.4606, 15.0776, 8.5042 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

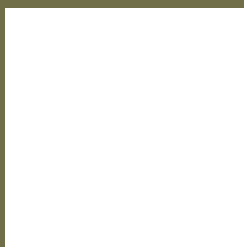
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.4606, 15.0776, 8.5042

Background



This preview shows how black text looks on a background with the XYZ color 13.4606, 15.0776, 8.5042.



This preview shows how white text looks on a background with the XYZ color 13.4606, 15.0776,

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

13.4606, 15.0776, 8.5042

Protanopia

13.8684, 14.9749, 8.2904

Deuteranopia

15.2396, 15.0622, 8.5826



Tritanopia

15.3683, 15.0773, 17.7230

Trichromacy



Original Color

13.4606, 15.0776, 8.5042

Protanomaly

13.7086, 15.0500, 8.3133

Deuteranomaly

14.5584, 15.0134, 8.6091

Tritanomaly

14.5325, 15.0421, 13.6927

Monochromacy



Original Color

13.4606, 15.0776, 8.5042

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.4624, 14.5117, 12.6812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4606, 15.0776, 8.5042 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, 110, 73)` looks like.

```
.text, #text, p{  
    color:rgb(112, 110, 73)  
}
```

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, 110, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 110, 73) }
```

Border

The CSS property to change the border of an element to XYZ 13.4606, 15.0776, 8.5042 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, 110, 73) }
```


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

```
.border{ border-color:rgb(112, 110, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 110, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 110, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 110, 73);  
box-shadow:4px 4px 4px 4px rgb(112, 110,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 13.4606, 15.0776, 8.5042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 110, 73) }
```

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

```
.background{ background-color: rgb(112,  
110, 73) }
```

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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