

Converting Colors

XYZ(15.7154, 15.1425, 4.8473)

Have a look what the booklet for
XYZ(15.7154, 15.1425, 4.8473)
contains.

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Color

**XYZ(15.7661, 15.1194,
4.8837)**

Conversions

Conversions Part 1

Format	Color
Hex	8A6630
RGB	138, 102, 48
RGB Percent	54%, 40%, 19%
CMY	0.4588, 0.6000, 0.8118
CMYK	0.00, 0.26, 0.65, 0.46
HSL	36°, 48%, 36%
HSV	36°, 65%, 54%
XYZ	15.7661, 15.1194, 4.8837
YIQ	106.6080, 38.7900, -9.1620

Conversions

Conversions Part 2

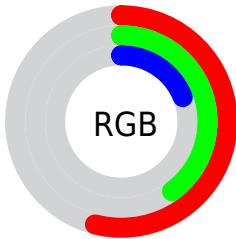
Format	Color
R_{YB}	108, 138, 48
Decimal	9070128
CIE _{Lab}	45.80, 8.36, 35.49
CIE _{LCh}	46, 36.458, 76.748
Yxy	15.1194, 0.4408, 0.4227
Android (android.graphics.Color)	4287260208 (0xFF8A6630)
YUV	106.6080, -28.8937, 27.5308
Hunter-Lab	38.8837, 4.3297, 19.7719

Details

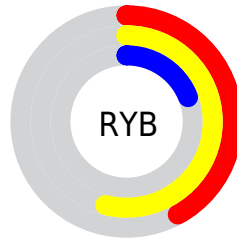
The XYZ color **15.7661, 15.1194, 4.8837** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **8.9766, 8.8037, 25.2708**, and the grayscale version is **13.9368, 14.6626, 15.9676**.

A 20% lighter version of the original color is **35.7507, 35.0963, 15.9563**, and **5.1125, 4.6637, 0.6307** is the 20% darker color. If you saturate the color by 10%, you get **15.0000, 13.9743, 3.4354**, and if you desaturate by 10%, it is **16.6577, 16.3737, 6.8114**.

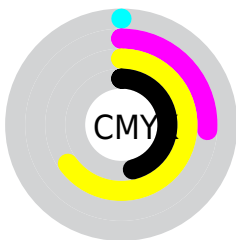
Distribution



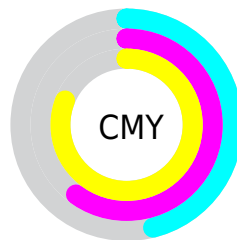
- Red (54%)
- Green (40%)
- Blue (19%)



- Red (42%)
- Yellow (54%)
- Blue (19%)



- Cyan (0%)
- Magenta (26%)
- Yellow (65%)
- Black (46%)



- Cyan (46%)
- Magenta (60%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7661, 15.1194, 4.8837 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 15.7661, 15.1194, 4.8837 by changing the saturation by 10% instead.

■ 15.7661, 15.1194,
4.8837

■ 15.7661, 15.1194,
4.8837

221.2552,
224.0878, 157.5925

■ 9.4486, 8.9032,
2.1216

■ 35.7524, 35.0625,
16.0014

■ 5.0944, 4.6781,
0.6286

■ 50.1519, 49.5582,
25.1941

■ 2.3381, 2.0597,
0.0000

■ 67.9761, 67.5826,
37.3674

■ 0.8140, 0.6418,
0.0000

■ 89.5904, 89.5200,
52.9399

■ 0.0000, 0.0000,
0.0000

■ 115.3601,
115.7548, 72.3302

■ 145.6505,

146.6714, 95.9567

180.8271,
182.6543, 124.2379

■ 15.7661, 15.1194,
4.8837

■ 15.7661, 15.1194,
4.8837

■ 15.0000, 13.9743,
3.4354

■ 16.6577, 16.3737,
6.8114

■ 14.3491, 12.9313,
2.4205

■ 17.6818, 17.7393,
9.2572

■ 13.8010, 11.9851,
1.7755

■ 18.8461, 19.2210,
12.2566

■ 13.5595, 11.5599,
1.5166

■ 20.1574, 20.8224,
15.8418

■ 21.6218, 22.5470,
20.0425

■ 23.2453, 24.3982,
24.8864

■ 25.0332, 26.3791,
30.3995

■ 26.9909, 28.4927,
36.6063

■ 29.1232, 30.7420,
43.5301

Harmonies

Analogous

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



18.8048, 15.1194, 6.9668



15.7661, 15.1194, 4.8837



12.7364, 15.1194, 5.0033

Triad

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



15.7661, 15.1194, 4.8837



9.4283, 15.1194, 21.8280



19.1109, 15.1194, 30.9691

Complementary

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



15.7661, 15.1194, 4.8837



8.9766, 8.8037, 25.2708

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.



16.1388, 15.1194, 38.5262



15.7661, 15.1194, 4.8837



10.6946, 15.1194, 32.0931

Square

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



15.7661, 15.1194, 4.8837



9.3582, 15.1194, 12.8844



13.0599, 15.1194, 38.9984



20.9133, 15.1194, 20.6482

Rectangle

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



15.7661, 15.1194, 4.8837



11.1214, 15.1194, 6.2949



13.0599, 15.1194, 38.9984



18.1979, 15.1194, 34.0553

Sweetspot

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



15.7665, 15.1201, 4.8840



36.7329, 38.1315, 31.3313



13.1385, 8.1574, 9.2698



8.1010, 8.3893, 6.6340



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.7665, 15.1201, 4.8840



25.9055, 23.7921, 5.1700



18.6752, 23.0574, 6.2627



5.2660, 5.5148, 5.3393



12.4467, 10.6278, 1.3954



0.0971, 0.0993, 0.0141

Inverse Universe

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



8.9766, 8.8037, 25.2708



13.0215, 11.8478, 43.9837



7.3319, 4.8189, 24.5883



4.9281, 5.1992, 6.3496



5.4808, 4.2318, 22.5736



0.0501, 0.0555, 0.1545

Previews

White Background



This preview shows how the XYZ color 15.7661, 15.1194, 4.8837 looks on a white background.

Color Contrast Check

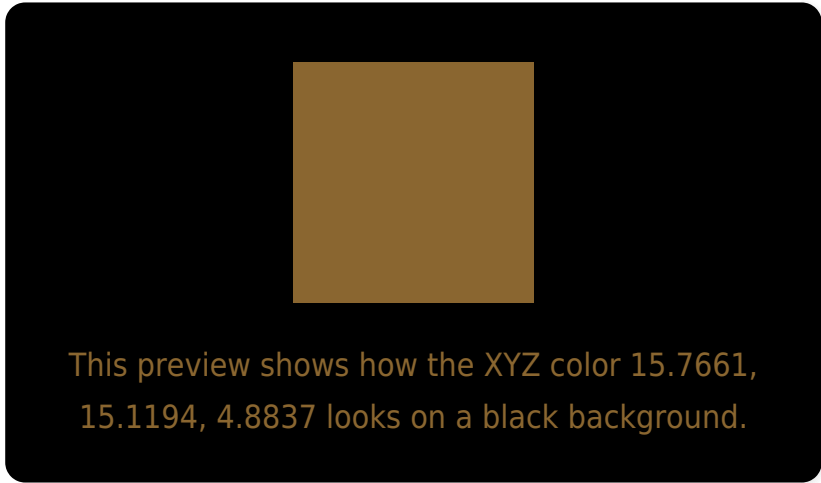
Large Text (above 18pt) WCAG AA ✓ Pass

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

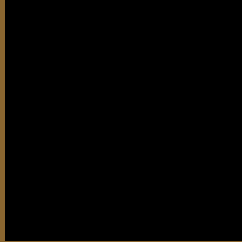
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.7661, 15.1194, 4.8837

Background



This preview shows how black text looks on a background with the XYZ color 15.7661, 15.1194, 4.8837.



This preview shows how white text looks on a background with the XYZ color 15.7661, 15.1194,

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

15.7661, 15.1194, 4.8837

Protanopia

13.9295, 15.2325, 5.2236

Deuteranopia

15.3754, 15.0648, 4.8937



Tritanopia

17.7864, 15.0958, 14.8083

Trichromacy



Original Color

15.7661, 15.1194, 4.8837

Protanomaly

14.4608, 15.0418, 5.0469

Deuteranomaly

15.5371, 15.1481, 4.9013

Tritanomaly

16.9135, 15.0226, 10.1918

Monochromacy



Original Color

15.7661, 15.1194, 4.8837

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.2025, 14.6266, 10.8788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7661, 15.1194, 4.8837 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(138, 102, 48)` looks like.

```
.text, #text, p{  
    color:rgb(138, 102, 48)  
}
```

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(138, 102, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 102, 48) }
```

Border

The CSS property to change the border of an element to XYZ 15.7661, 15.1194, 4.8837 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(138, 102, 48) }
```


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

```
.border{ border-color:rgb(138, 102, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 102, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 102, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 102, 48);  
box-shadow:4px 4px 4px 4px rgb(138, 102,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7661, 15.1194, 4.8837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 102, 48) }
```

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

```
.background{ background-color: rgb(138,  
102, 48) }
```

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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