

Converting Colors

XYZ(15.3633, 15.8029, 7.9276)

Have a look what the booklet for
XYZ(15.3633, 15.8029, 7.9276)
contains.

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Color

**XYZ(15.3388, 15.7440,
7.8607)**

Conversions

Conversions Part 1

Format	Color
Hex	806C45
RGB	128, 108, 69
RGB Percent	50%, 42%, 27%
CMY	0.4980, 0.5765, 0.7294
CMYK	0.00, 0.16, 0.46, 0.50
HSL	40°, 30%, 39%
HSV	40°, 46%, 50%
XYZ	15.3388, 15.7440, 7.8607
YIQ	109.5340, 24.4390, -7.8890

Conversions

Conversions Part 2

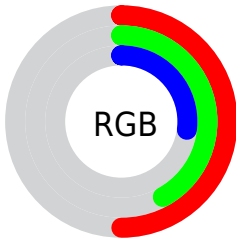
Format	Color
RYB	99, 128, 69
Decimal	8416325
CIELab	46.64, 2.23, 24.72
CIELCh	47, 24.817, 84.835
Yxy	15.7440, 0.3939, 0.4043
Android (android.graphics.Color)	4286606405 (0xFF806C45)
YUV	109.5340, -19.9833, 16.1947
Hunter-Lab	39.6787, -0.4341, 16.0292

Details

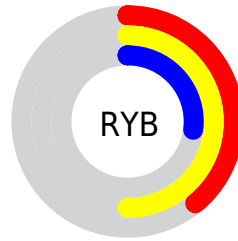
The XYZ color **15.3388, 15.7440, 7.8607** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.9227, 9.9681, 21.8230**, and the grayscale version is **14.7384, 15.5059, 16.8860**.

A 20% lighter version of the original color is **34.9596, 36.0494, 22.2552**, and **4.8942, 4.9812, 1.5677** is the 20% darker color. If you saturate the color by 10%, you get **14.5375, 14.7101, 5.8404**, and if you desaturate by 10%, it is **16.2494, 16.8593, 10.3408**.

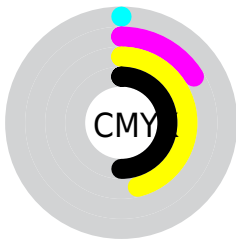
Distribution



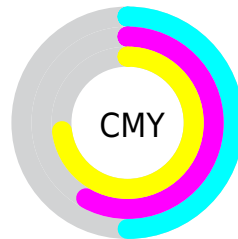
- Red (50%)
- Green (42%)
- Blue (27%)



- Red (39%)
- Yellow (50%)
- Blue (27%)



- Cyan (0%)
- Magenta (16%)
- Yellow (46%)
- Black (50%)



- Cyan (50%)
- Magenta (58%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3388, 15.7440, 7.8607 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 15.3388, 15.7440, 7.8607 by changing the saturation by 10% instead.

■ 15.3388, 15.7440,
7.8607

■ 15.3388, 15.7440,
7.8607

218.7558,
227.8263, 184.5289

■ 9.1454, 9.3432,
3.9194

■ 35.0132, 36.1532,
22.2266

■ 4.8940, 4.9657,
1.5813

■ 49.2250, 50.9304,
33.4882

■ 2.2193, 2.2271,
0.2774

■ 66.8402, 69.2685,
48.0271

■ 0.7529, 0.7347,
0.0000

■ 88.2242, 91.5519,
66.2618

■ 0.0000, 0.0000,
0.0000

■ 113.7424,
118.1649, 88.6108

143.7602,

149.4921, 115.4926

178.6429,
185.9178, 147.3258

■ 15.3388, 15.7440,
7.8607

■ 15.3388, 15.7440,
7.8607

■ 14.5375, 14.7101,
5.8404

■ 16.2494, 16.8593,
10.3408

■ 13.8384, 13.7523,
4.2494

■ 17.2736, 18.0563,
13.3065

■ 13.2353, 12.8684,
3.0552

■ 18.4166, 19.3384,
16.7829

■ 12.7209, 12.0548,
2.2201

■ 19.6832, 20.7078,
20.7930

■ 12.2822, 11.3057,
1.6785

■ 21.0778, 22.1668,
25.3584

■ 12.1205, 11.0261,
1.4894

■ 22.6045, 23.7176,
30.4996

■ 24.2673, 25.3622,
36.2360

■ 26.0699, 27.1025,
42.5861

■ 28.0160, 28.9405,
49.5674

Harmonies

Analogous

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



17.4689, 15.7440, 9.1826



15.3388, 15.7440, 7.8607



13.2971, 15.7440, 8.4986

Triad

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



15.3388, 15.7440, 7.8607



11.5230, 15.7440, 22.6006



18.5975, 15.7440, 24.8897

Complementary

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



15.3388, 15.7440, 7.8607



9.9227, 9.9681, 21.8230

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.



16.7651, 15.7440, 30.2600



15.3388, 15.7440, 7.8607



12.7112, 15.7440, 28.7324

Square

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



15.3388, 15.7440, 7.8607



11.2192, 15.7440, 16.1004



14.5957, 15.7440, 31.8120



19.4617, 15.7440, 18.2287

Rectangle

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



15.3388, 15.7440, 7.8607



12.2392, 15.7440, 10.0533



14.5957, 15.7440, 31.8120



18.0663, 15.7440, 26.9632

Sweetspot

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



15.3392, 15.7447, 7.8610



32.8043, 34.4640, 30.7295



12.8609, 9.5778, 10.7660



7.5880, 7.9675, 6.9066



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.3392, 15.7447, 7.8610



25.5729, 25.8693, 10.2283



16.4217, 19.8005, 8.5868



4.5464, 4.7815, 4.6034



12.0197, 10.9358, 1.4773



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.9227, 9.9681, 21.8230



14.8306, 14.4255, 37.9590



9.1542, 7.4283, 21.3733



4.2188, 4.4315, 5.4463



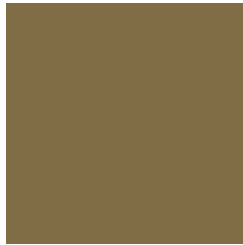
4.7351, 3.2886, 20.6352



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.3388, 15.7440, 7.8607 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 15.3388, 15.7440, 7.8607 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 15.3388, 15.7440, 7.8607

Background



This preview shows how black text looks on a background with the XYZ color 15.3388, 15.7440, 7.8607.



This preview shows how white text looks on a background with the XYZ color 15.3388, 15.7440,

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

15.3388, 15.7440, 7.8607

Protanopia

14.6751, 15.8760, 8.0853

Deuteranopia

16.0597, 15.8061, 7.8347



Tritanopia

17.2352, 15.7537, 17.1713

Trichromacy



Original Color

15.3388, 15.7440, 7.8607

Protanomaly

14.9936, 15.8791, 8.0691

Deuteranomaly

15.8476, 15.8506, 7.8544

Tritanomaly

16.5230, 15.7730, 13.2400

Monochromacy



Original Color

15.3388, 15.7440, 7.8607

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.8703, 15.5454, 13.0433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3388, 15.7440, 7.8607 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(128, 108, 69)` looks like.

```
.text, #text, p{  
    color:rgb(128, 108, 69)  
}
```

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(128, 108, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 108, 69) }
```

Border

The CSS property to change the border of an element to XYZ 15.3388, 15.7440, 7.8607 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(128, 108, 69) }
```


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

```
.border{ border-color:rgb(128, 108, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 108, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 108, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 108, 69);  
box-shadow:4px 4px 4px 4px rgb(128, 108,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3388, 15.7440, 7.8607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 108, 69) }
```

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

```
.background{ background-color: rgb(128,  
108, 69) }
```

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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