

Converting Colors

XYZ(15.3768, 16.7945, 7.9589)

Have a look what the booklet for
XYZ(15.3768, 16.7945, 7.9589)
contains.

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Color

**XYZ(15.3729, 16.7371,
7.8892)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7244
RGB	124, 114, 68
RGB Percent	49%, 45%, 27%
CMY	0.5137, 0.5529, 0.7333
CMYK	0.00, 0.08, 0.45, 0.51
HSL	49°, 29%, 38%
HSV	49°, 45%, 49%
XYZ	15.3729, 16.7371, 7.8892
YIQ	111.7460, 20.7260, -12.1860

Conversions

Conversions Part 2

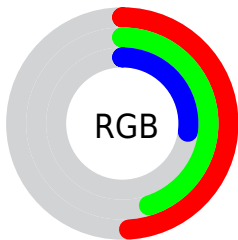
Format	Color
R _Y B	80, 124, 68
Decimal	8155716
CIE Lab	47.93, -3.13, 26.84
CIE LCh	48, 27.022, 96.642
Yxy	16.7371, 0.3843, 0.4184
Android (android.graphics.Color)	4286345796 (0xFF7C7244)
YUV	111.7460, -21.5668, 10.7468
Hunter-Lab	40.9110, -4.5203, 17.2043

Details

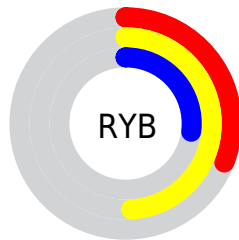
The XYZ color **15.3729, 16.7371, 7.8892** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.7463, 8.1327, 20.1775**, and the grayscale version is **15.3839, 16.1851, 17.6256**.

A 20% lighter version of the original color is **35.2072, 38.0218, 22.3129**, and **4.9269, 5.4141, 1.5960** is the 20% darker color. If you saturate the color by 10%, you get **14.7873, 16.1088, 6.0204**, and if you desaturate by 10%, it is **16.0455, 17.4111, 10.1824**.

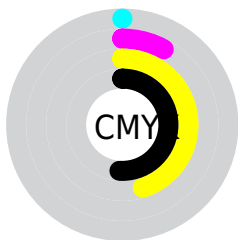
Distribution



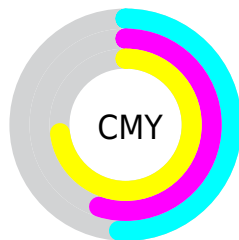
- Red (49%)
- Green (45%)
- Blue (27%)



- Red (31%)
- Yellow (49%)
- Blue (27%)



- Cyan (0%)
- Magenta (8%)
- Yellow (45%)
- Black (51%)



- Cyan (51%)
- Magenta (55%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3729, 16.7371, 7.8892 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 15.3729, 16.7371, 7.8892 by changing the saturation by 10% instead.

■ 15.3729, 16.7371,
7.8892

■ 15.3729, 16.7371,
7.8892

218.9562,
233.6528, 184.7624

■ 9.1695, 10.0472,
3.9374

■ 35.0724, 37.8732,
22.2835

■ 4.9099, 5.4303,
1.5911

■ 49.2991, 53.0882,
33.5631

■ 2.2287, 2.5019,
0.2844

■ 66.9311, 71.9138,
48.1223

■ 0.7578, 0.8776,
0.0000

■ 88.3336, 94.7342,
66.3798

■ 0.0000, 0.0000,
0.0000

■ 113.8721,
121.9339, 88.7540

143.9117,

153.8973, 115.6634

178.8180,
191.0088, 147.5267

■ 15.3729, 16.7371,
7.8892

■ 15.3729, 16.7371,
7.8892

■ 14.7873, 16.1088,
6.0204

■ 16.0455, 17.4111,
10.1824

■ 14.2823, 15.5217,
4.5481

■ 16.8084, 18.1304,
12.9235

■ 13.8525, 14.9742,
3.4428

■ 17.6665, 18.8976,
16.1354

■ 13.4915, 14.4637,
2.6703

■ 18.6239, 19.7143,
19.8393

■ 13.1889, 13.9860,
2.1768

■ 19.6842, 20.5821,
24.0549

■ 13.0502, 13.7612,
1.9684

■ 20.8511, 21.5026,
28.8009

■ 22.1280, 22.4771,
34.0952

■ 23.5181, 23.5070,
39.9547

■ 25.0246, 24.5937,
46.3955

Harmonies

Analogous

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



17.8368, 16.7371, 8.4805



15.3729, 16.7371, 7.8892



13.2752, 16.7371, 9.4460

Triad

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



15.3729, 16.7371, 7.8892



12.4406, 16.7371, 27.4508



20.6031, 16.7371, 24.0713

Complementary

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



15.3729, 16.7371, 7.8892



8.7463, 8.1327, 20.1775

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.



18.8679, 16.7371, 31.2330



15.3729, 16.7371, 7.8892



14.1238, 16.7371, 33.5063

Square

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



15.3729, 16.7371, 7.8892



11.6975, 16.7371, 19.8186



16.4556, 16.7371, 35.0428



21.0244, 16.7371, 16.7171

Rectangle

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



15.3729, 16.7371, 7.8892



12.3105, 16.7371, 11.8026



16.4556, 16.7371, 35.0428



20.1461, 16.7371, 26.6323

Sweetspot

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



15.3733, 16.7379, 7.8895



31.2218, 33.3710, 28.9008



11.7641, 8.9734, 8.3702



7.2850, 7.7998, 6.5470



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.3733, 16.7379, 7.8895



26.0106, 28.3347, 10.5590



14.2267, 17.9132, 8.1768



4.2498, 4.5181, 4.2726



13.2652, 13.9862, 2.0005



62.7142, 65.5918, 9.3551

Inverse Universe

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



8.7463, 8.1327, 20.1775



12.8230, 11.2217, 35.0468



9.5186, 7.5555, 20.0254



3.8502, 3.9987, 5.0121



3.9913, 2.0649, 19.5735



18.5830, 8.9386, 93.2157

Previews

White Background



This preview shows how the XYZ color 15.3729, 16.7371, 7.8892 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 15.3729, 16.7371, 7.8892 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 15.3729, 16.7371, 7.8892

Background



This preview shows how black text looks on a background with the XYZ color 15.3729, 16.7371, 7.8892.



This preview shows how white text looks on a background with the XYZ color 15.3729, 16.7371,

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

15.3729, 16.7371, 7.8892

Protanopia

15.5181, 16.8120, 7.8960

Deuteranopia

17.0240, 16.7702, 7.9699



Tritanopia

17.6267, 16.6766, 19.1195

Trichromacy



Original Color

15.3729, 16.7371, 7.8892

Protanomaly

15.5181, 16.8120, 7.8960

Deuteranomaly

16.4315, 16.7851, 8.0040

Tritanomaly

16.5805, 16.5647, 14.1278

Monochromacy



Original Color

15.3729, 16.7371, 7.8892

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.2189, 16.3678, 13.4235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3729, 16.7371, 7.8892 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(124, 114, 68)` looks like.

```
.text, #text, p{  
    color:rgb(124, 114, 68)  
}
```

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(124, 114, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 114, 68) }
```

Border

The CSS property to change the border of an element to XYZ 15.3729, 16.7371, 7.8892 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(124, 114, 68) }
```


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

```
.border{ border-color:rgb(124, 114, 68) }
```

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

Here you see how a box with a 4 pixel rgb(124, 114, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 114, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 114, 68);  
box-shadow:4px 4px 4px 4px rgb(124, 114,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3729, 16.7371, 7.8892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 114, 68) }
```

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

```
.background{ background-color: rgb(124,  
114, 68) }
```

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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