

Converting Colors

XYZ(15.6650, 17.7909, 8.4522)

Have a look what the booklet for
XYZ(15.6650, 17.7909, 8.4522)
contains.

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Color

**XYZ(15.5875, 17.7008,
8.3894)**

Conversions

Conversions Part 1

Format	Color
Hex	797746
RGB	121, 119, 70
RGB Percent	47%, 47%, 27%
CMY	0.5255, 0.5333, 0.7255
CMYK	0.00, 0.02, 0.42, 0.53
HSL	58°, 27%, 37%
HSV	58°, 42%, 47%
XYZ	15.5875, 17.7008, 8.3894
YIQ	114.0120, 16.9210, -14.8150

Conversions

Conversions Part 2

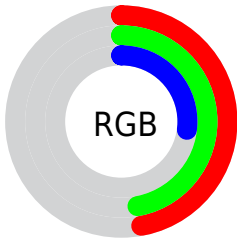
Format	Color
R_{YB}	72, 121, 70
Decimal	7960390
CIE Lab	49.13, -7.05, 27.19
CIE LCh	49, 28.091, 104.543
Yxy	17.7008, 0.3740, 0.4247
Android (android.graphics.Color)	4286150470 (0xFF797746)
YUV	114.0120, -21.6979, 6.1285
Hunter-Lab	42.0723, -7.4936, 17.6279

Details

The XYZ color **15.5875, 17.7008, 8.3894** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.2943, 7.3171, 19.0644**, and the grayscale version is **16.0577, 16.8939, 18.3975**.

A 20% lighter version of the original color is **35.3482, 39.4564, 23.2056**, and **5.0272, 5.9163, 1.7967** is the 20% darker color. If you saturate the color by 10%, you get **15.1874, 17.4514, 6.5578**, and if you desaturate by 10%, it is **16.0658, 17.9832, 10.6272**.

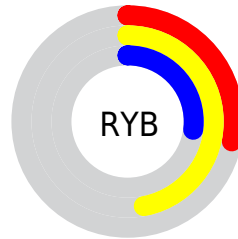
Distribution



Red (47%)

Green (47%)

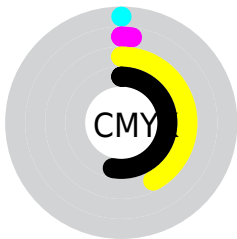
Blue (27%)



Red (28%)

Yellow (47%)

Blue (27%)

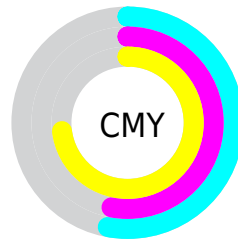


Cyan (0%)

Magenta (2%)

Yellow (42%)

Black (53%)



Cyan (53%)

Magenta (53%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5875, 17.7008, 8.3894 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 15.5875, 17.7008, 8.3894 by changing the saturation by 10% instead.

■ 15.5875, 17.7008,
8.3894

■ 15.5875, 17.7008,
8.3894

220.2137,
239.1792, 188.8023

■ 9.3217, 10.7354,
4.2538

■ 35.4438, 39.5268,
23.2770

■ 5.0104, 5.8892,
1.7656

■ 49.7651, 55.1562,
34.8661

■ 2.2882, 2.7778,
0.4051

■ 67.5023, 74.4425,
49.7767

■ 0.7886, 1.0169,
0.0000

■ 89.0207, 97.7698,
68.4275

■ 0.0000, 0.0000,
0.0000

■ 114.6857,
125.5228, 91.2369

144.8626,

158.0858, 118.6234

179.9169,
195.8431, 151.0058

■ 15.5875, 17.7008,
8.3894

■ 15.5875, 17.7008,
8.3894

■ 15.1874, 17.4514,
6.5578

■ 16.0658, 17.9832,
10.6272

■ 14.8594, 17.2306,
5.1070

■ 16.6252, 18.2979,
13.2927

■ 14.5989, 17.0374,
4.0100

■ 17.2701, 18.6472,
16.4070

■ 14.4001, 16.8692,
3.2362

■ 18.0041, 19.0326,
19.9896

■ 14.2560, 16.7233,
2.7494

■ 18.8309, 19.4556,
24.0588

■ 14.1609, 16.6163,
2.4609

■ 19.7536, 19.9173,
28.6319

■ 20.7754, 20.4192,
33.7254

■ 21.8993, 20.9624,
39.3550

■ 23.1281, 21.5480,
45.5359

Harmonies

Analogous

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



18.2062, 17.7008, 8.4237



15.5875, 17.7008, 8.3894



13.5244, 17.7008, 10.6934

Triad

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



15.5875, 17.7008, 8.3894



13.4753, 17.7008, 31.3029



22.1762, 17.7008, 23.3905

Complementary

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



15.5875, 17.7008, 8.3894



8.2943, 7.3171, 19.0644

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.



20.6210, 17.7008, 31.5286



15.5875, 17.7008, 8.3894



15.5137, 17.7008, 36.8447

Square

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



15.5875, 17.7008, 8.3894



12.3938, 17.7008, 23.1380



18.1244, 17.7008, 36.9367



22.2012, 17.7008, 15.8646

Rectangle

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



15.5875, 17.7008, 8.3894



12.6637, 17.7008, 13.7008



18.1244, 17.7008, 36.9367



21.8084, 17.7008, 26.1824

Sweetspot

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



15.5879, 17.7016, 8.3898



30.7819, 33.3151, 28.6812



11.2632, 8.9206, 7.3538



6.9878, 7.5905, 6.3134



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.5879, 17.7016, 8.3898



27.1882, 31.2454, 11.7063



12.9854, 16.7165, 8.3368



4.2949, 4.6083, 4.2876



15.1735, 17.8030, 2.6366



72.2287, 84.6208, 12.5266

Inverse Universe

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



8.2943, 7.3171, 19.0644



12.1934, 9.8989, 33.6609



10.1507, 8.0856, 19.1149



3.8091, 3.9164, 4.9984



3.7516, 1.5856, 19.4936



17.7494, 7.2714, 92.9378

Previews

White Background



This preview shows how the XYZ color 15.5875, 17.7008, 8.3894 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 15.5875, 17.7008, 8.3894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

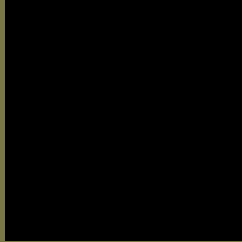
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

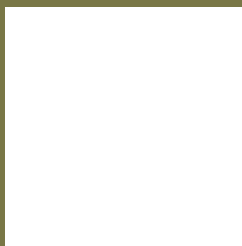
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5875, 17.7008, 8.3894

Background



This preview shows how black text looks on a background with the XYZ color 15.5875, 17.7008, 8.3894.



This preview shows how white text looks on a background with the XYZ color 15.5875, 17.7008,

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

15.5875, 17.7008, 8.3894

Protanopia

16.3376, 17.7414, 8.1936

Deuteranopia

17.8386, 17.4995, 8.5684



Tritanopia

18.1704, 17.7274, 20.8764

Trichromacy



Original Color

15.5875, 17.7008, 8.3894

Protanomaly

16.0101, 17.7465, 8.2118

Deuteranomaly

16.9862, 17.5579, 8.4550

Tritanomaly

17.0364, 17.6007, 15.3313

Monochromacy



Original Color

15.5875, 17.7008, 8.3894

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.7861, 17.1545, 14.0344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5875, 17.7008, 8.3894 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(121, 119, 70)` looks like.

```
.text, #text, p{  
    color:rgb(121, 119, 70)  
}
```

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(121, 119, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 119, 70) }
```

Border

The CSS property to change the border of an element to XYZ 15.5875, 17.7008, 8.3894 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(121, 119, 70) }
```


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

```
.border{ border-color:rgb(121, 119, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 119, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 119, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 119, 70);  
box-shadow:4px 4px 4px 4px rgb(121, 119,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5875, 17.7008, 8.3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 119, 70) }
```

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

```
.background{ background-color: rgb(121,  
119, 70) }
```

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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