

Converting Colors

XYZ(17.6014, 17.6266, 17.1267)

Have a look what the booklet for
XYZ(17.6014, 17.6266, 17.1267)
contains.

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Color

**XYZ(17.7339, 17.7496,
17.2432)**

Conversions

Conversions Part 1

Format	Color
Hex	80726E
RGB	128, 114, 110
RGB Percent	50%, 45%, 43%
CMY	0.4980, 0.5529, 0.5686
CMYK	0.00, 0.11, 0.14, 0.50
HSL	13°, 8%, 47%
HSV	13°, 14%, 50%
XYZ	17.7339, 17.7496, 17.2432
YIQ	117.7300, 9.6280, 1.7240

Conversions

Conversions Part 2

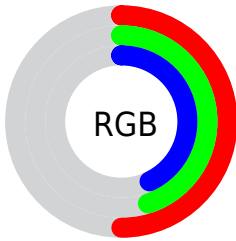
Format	Color
RYB	128, 115, 110
Decimal	8417902
CIELab	49.19, 4.71, 4.19
CIELCh	49, 6.309, 41.649
Yxy	17.7496, 0.3363, 0.3366
Android (android.graphics.Color)	4286607982 (0xFF80726E)
YUV	117.7300, -3.8109, 9.0068
Hunter-Lab	42.1303, 1.4080, 5.2248

Details

The XYZ color **17.7339, 17.7496, 17.2432** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.5343, 19.2885, 23.2212**, and the grayscale version is **17.1453, 18.0382, 19.6436**.

A 20% lighter version of the original color is **39.2139, 39.7048, 39.7794**, and **6.0699, 5.9176, 5.5249** is the 20% darker color. If you saturate the color by 10%, you get **16.0245, 15.3666, 13.4799**, and if you desaturate by 10%, it is **19.6672, 20.4189, 21.5783**.

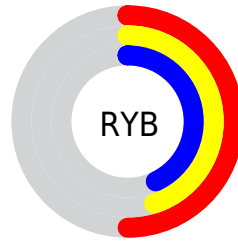
Distribution



Red (50%)

Green (45%)

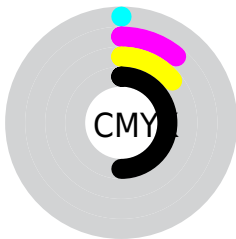
Blue (43%)



Red (50%)

Yellow (45%)

Blue (43%)

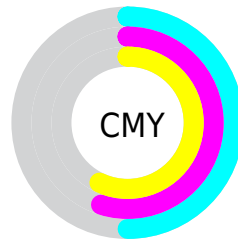


Cyan (0%)

Magenta (11%)

Yellow (14%)

Black (50%)



Cyan (50%)

Magenta (55%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7339, 17.7496, 17.2432 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 17.7339, 17.7496, 17.2432 by changing the saturation by 10% instead.

■ 17.7339, 17.7496,
17.2432

■ 17.7339, 17.7496,
17.2432

232.4416,
239.4559, 248.6612

■ 10.8576, 10.7704,
10.2443

■ 39.1170, 39.6102,
39.5398

■ 6.0378, 5.9126,
5.4535

■ 54.3546, 55.2603,
55.6746

■ 2.9089, 2.7920,
2.4524

■ 73.1100, 74.5696,
75.6917

■ 1.1058, 1.0241,
0.8148

■ 95.7485, 97.9223,
100.0096

■ 0.0300, 0.0000,
0.0000

122.6356,
125.7029, 129.0470

■ 0.0000, 0.0000,
0.0000

154.1366,

158.2957, 163.2224

190.6168,
196.0853, 202.9543

■ 17.7339, 17.7496,
17.2432

■ 17.7339, 17.7496,
17.2432

■ 16.0245, 15.3666,
13.4799

■ 19.6672, 20.4189,
21.5783

■ 14.5293, 13.2580,
10.2633

■ 21.8307, 23.3812,
26.5066

■ 13.2402, 11.4145,
7.5682

■ 24.2322, 26.6458,
32.0497

■ 12.1477, 9.8255,
5.3669

■ 26.8788, 30.2212,
38.2279

■ 11.2419, 8.4796,
3.6290

■ 29.7772, 34.1151,
45.0605

■ 10.5117, 7.3646,
2.3211

■ 32.9340, 38.3355,
52.5660

■ 9.9449, 6.4669,
1.4047

■ 36.3554, 42.8895,
60.7621

■ 9.5265, 5.7713,
0.8301

■ 40.0473, 47.7845,
69.6659

■ 9.3285, 5.4418,
0.5587

■ 44.0158, 53.0273,
79.2939

Harmonies

Analogous

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



18.0081, 17.7496, 18.6766



17.7339, 17.7496, 17.2432



17.2308, 17.7496, 16.3990

Triad

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



17.7339, 17.7496, 17.2432



15.8147, 17.7496, 18.3197



17.1010, 17.7496, 22.6921

Complementary

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



17.7339, 17.7496, 17.2432



17.5343, 19.2885, 23.2212

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.



16.5152, 17.7496, 22.5827



17.7339, 17.7496, 17.2432



15.7818, 17.7496, 19.9909

Square

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



17.7339, 17.7496, 17.2432



16.1265, 17.7496, 16.9951



16.0355, 17.7496, 21.5707



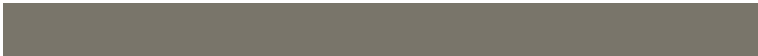
17.6370, 17.7496, 21.8615

Rectangle

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



17.7339, 17.7496, 17.2432



16.8378, 17.7496, 16.2523



16.0355, 17.7496, 21.5707



16.9032, 17.7496, 22.7653

Sweetspot

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



17.7344, 17.7504, 17.2436



34.6160, 35.9355, 37.9673



18.1227, 17.1991, 21.4668



8.0488, 8.3368, 8.7632



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

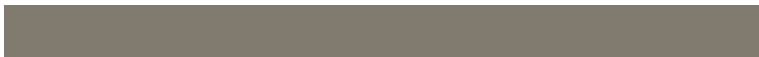
The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.7344, 17.7504, 17.2436



30.1788, 29.8000, 28.0442



18.7874, 19.8564, 17.5946



4.3994, 4.4874, 4.5544



9.2506, 5.3977, 0.5543



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.5343, 19.2885, 23.2212



29.7523, 33.0743, 40.7721



16.4691, 17.1581, 22.8662



4.3679, 4.7298, 5.4960



8.3396, 10.4977, 21.8367



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.7339, 17.7496, 17.2432 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 17.7339, 17.7496, 17.2432 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

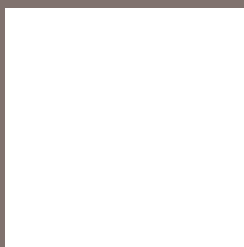
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.7339, 17.7496, 17.2432

Background



This preview shows how black text looks on a background with the XYZ color 17.7339, 17.7496, 17.2432.



This preview shows how white text looks on a background with the XYZ color 17.7339, 17.7496,

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

17.7339, 17.7496, 17.2432

Protanopia

16.8604, 17.6315, 17.5535

Deuteranopia

18.0797, 17.7613, 17.2272



Tritanopia

18.2986, 17.6359, 20.5288

Trichromacy



Original Color

17.7339, 17.7496, 17.2432

Protanomaly

17.1684, 17.6201, 17.5351

Deuteranomaly

17.9255, 17.6819, 17.2200

Tritanomaly

18.1693, 17.7617, 19.3004

Monochromacy



Original Color

17.7339, 17.7496, 17.2432

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.4818, 18.0980, 18.7915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7339, 17.7496, 17.2432 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, 114, 110)` looks like.

```
.text, #text, p{  
    color:rgb(128, 114, 110)  
}
```

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, 114, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 114, 110) }
```

Border

The CSS property to change the border of an element to XYZ 17.7339, 17.7496, 17.2432 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, 114, 110) }
```


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

```
.border{ border-color:rgb(128, 114, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 114, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 114, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 114, 110);  
box-shadow:4px 4px 4px 4px rgb(128, 114,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7339, 17.7496, 17.2432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 114, 110) }
```

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

```
.background{ background-color: rgb(128,  
114, 110) }
```

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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