

Converting Colors

XYZ(17.0012, 17.8552, 16.9119)

Have a look what the booklet for
XYZ(17.0012, 17.8552, 16.9119)
contains.

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Color

**XYZ(17.0068, 17.8917,
17.0251)**

Conversions

Conversions Part 1

Format	Color
Hex	79756D
RGB	121, 117, 109
RGB Percent	47%, 46%, 43%
CMY	0.5255, 0.5412, 0.5725
CMYK	0.00, 0.03, 0.10, 0.53
HSL	40°, 5%, 45%
HSV	40°, 10%, 47%
XYZ	17.0068, 17.8917, 17.0251
YIQ	117.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

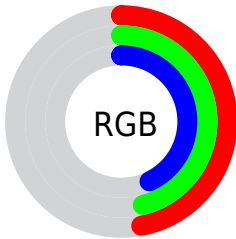
Format	Color
R_{YB}	115, 121, 109
Decimal	7959917
CIE Lab	49.36, 0.01, 4.95
CIE LCh	49, 4.950, 89.918
Yxy	17.8917, 0.3275, 0.3446
Android (android.graphics.Color)	4286149997 (0xFF79756D)
YUV	117.2840, -4.0840, 3.2589
Hunter-Lab	42.2986, -2.2538, 5.7449

Details

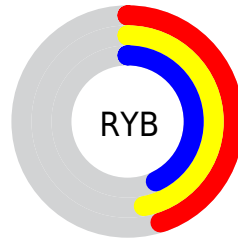
The XYZ color **17.0068, 17.8917, 17.0251** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6630, 16.4417, 20.4374**, and the grayscale version is **17.0083, 17.8940, 19.4866**.

A 20% lighter version of the original color is **37.7667, 39.7982, 38.9490**, and **5.6701, 5.9818, 5.4132** is the 20% darker color. If you saturate the color by 10%, you get **15.9404, 16.7303, 13.6742**, and if you desaturate by 10%, it is **18.1842, 19.1310, 20.8559**.

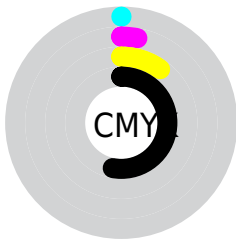
Distribution



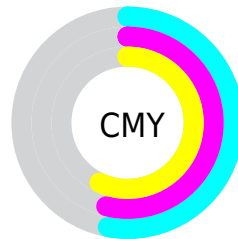
- Red (47%)
- Green (46%)
- Blue (43%)



- Red (45%)
- Yellow (47%)
- Blue (43%)



- Cyan (0%)
- Magenta (3%)
- Yellow (10%)
- Black (53%)



- Cyan (53%)
- Magenta (54%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0068, 17.8917, 17.0251 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 17.0068, 17.8917, 17.0251 by changing the saturation by 10% instead.

■ 17.0068, 17.8917,
17.0251

■ 17.0068, 17.8917,
17.0251

228.3670,
240.2599, 247.3658

■ 10.3347, 10.8723,
10.0902

■ 37.8810, 39.8527,
39.1602

■ 5.6854, 5.9810,
5.3524

■ 52.8137, 55.5630,
55.1975

■ 2.6936, 2.8335,
2.3932

■ 71.2307, 74.9392,
75.1060

■ 0.9939, 1.0455,
0.7827

■ 93.4974, 98.3654,
99.3043

■ 0.0000, 0.0000,
0.0000

119.9789,
126.2262, 128.2108

151.0408,

158.9060, 162.2443

187.0484,
196.7891, 201.8231

■ 17.0068, 17.8917,
17.0251

■ 17.0068, 17.8917,
17.0251

■ 15.9404, 16.7303,
13.6742

■ 18.1842, 19.1310,
20.8559

■ 14.9794, 15.6425,
10.7827

■ 19.4746, 20.4477,
25.1836

■ 14.1204, 14.6270,
8.3305

■ 20.8822, 21.8444,
30.0258

■ 13.3589, 13.6817,
6.2954

■ 22.4103, 23.3228,
35.3988

■ 12.6899, 12.8041,
4.6534

■ 24.0619, 24.8846,
41.3183

■ 12.1083, 11.9916,
3.3778

■ 25.8403, 26.5313,
47.7994

■ 11.6080, 11.2416,
2.4387

■ 27.7483, 28.2645,
54.8564

■ 11.1822, 10.5508,
1.8014

■ 29.7888, 30.0857,
62.5033

■ 10.8079, 9.9094,
1.3459

■ 31.9645, 31.9963,
70.7534

Harmonies

Analogous

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



17.4588, 17.8917, 17.3431



17.0068, 17.8917, 17.0251



16.5624, 17.8917, 17.3397

Triad

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



17.0068, 17.8917, 17.0251



16.2404, 17.8917, 20.7896



17.7930, 17.8917, 20.7962

Complementary

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



17.0068, 17.8917, 17.0251



15.6630, 16.4417, 20.4374

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.



17.4565, 17.8917, 21.7917



17.0068, 17.8917, 17.0251



16.5602, 17.8917, 21.7878

Square

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



17.0068, 17.8917, 17.0251



16.1249, 17.8917, 19.4774



17.0042, 17.8917, 22.1624



17.9177, 17.8917, 19.4847

Rectangle

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



17.0068, 17.8917, 17.0251



16.3289, 17.8917, 17.8745



17.0042, 17.8917, 22.1624



17.7006, 17.8917, 21.1811

Sweetspot

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



17.0073, 17.8925, 17.0255



31.8755, 33.5428, 35.0862



16.3347, 16.1948, 17.8880



7.2534, 7.6330, 7.9081



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.



17.0073, 17.8925, 17.0255



29.9823, 31.5322, 28.9812



17.2057, 18.7010, 17.1711



4.2006, 4.4196, 4.2562



11.5684, 10.5927, 1.4349



54.3758, 48.9151, 6.5756

Inverse Universe

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



15.6630, 16.4417, 20.4374



27.0430, 28.3601, 36.4416



15.4756, 15.6975, 20.3037



3.8966, 4.0916, 5.0276



4.5132, 3.1088, 19.7475



20.8200, 13.4127, 93.9614

Previews

White Background



This preview shows how the XYZ color 17.0068, 17.8917, 17.0251 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 17.0068, 17.8917, 17.0251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

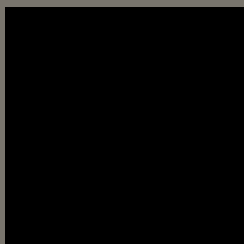
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

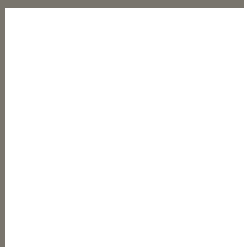
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0068, 17.8917, 17.0251

Background



This preview shows how black text looks on a background with the XYZ color 17.0068, 17.8917, 17.0251.



This preview shows how white text looks on a background with the XYZ color 17.0068, 17.8917,

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

17.0068, 17.8917, 17.0251

Protanopia

17.0068, 17.8917, 17.0251

Deuteranopia

18.0797, 17.7613, 17.2272



Tritanopia

17.9372, 17.9277, 21.5838

Trichromacy



Original Color

17.0068, 17.8917, 17.0251

Protanomaly

17.0068, 17.8917, 17.0251

Deuteranomaly

17.5842, 17.6724, 17.2362

Tritanomaly

17.6012, 17.9603, 19.9918

Monochromacy



Original Color

17.0068, 17.8917, 17.0251

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.8698, 17.7890, 18.4641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0068, 17.8917, 17.0251 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, 117, 109)` looks like.

```
.text, #text, p{  
    color:rgb(121, 117, 109)  
}
```

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, 117, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 117, 109) }
```

Border

The CSS property to change the border of an element to XYZ 17.0068, 17.8917, 17.0251 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, 117, 109) }
```


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

```
.border{ border-color:rgb(121, 117, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 117, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 117, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 117, 109); box-shadow:4px 4px 4px 4px rgb(121, 117, 109) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0068, 17.8917, 17.0251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 117, 109) }
```

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

```
.background{ background-color: rgb(121,  
117, 109) }
```

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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