

Converting Colors

XYZ(17.1586, 17.8410, 17.0332)

Have a look what the booklet for
XYZ(17.1586, 17.8410, 17.0332)
contains.

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Color

**XYZ(17.1741, 17.8059,
16.9997)**

Conversions

Conversions Part 1

Format	Color
Hex	7B746D
RGB	123, 116, 109
RGB Percent	48%, 45%, 43%
CMY	0.5176, 0.5451, 0.5725
CMYK	0.00, 0.06, 0.11, 0.52
HSL	30°, 6%, 45%
HSV	30°, 11%, 48%
XYZ	17.1741, 17.8059, 16.9997
YIQ	117.2950, 6.4190, -0.6930

Conversions

Conversions Part 2

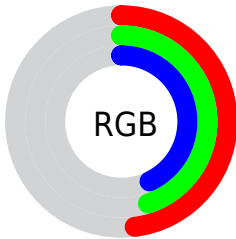
Format	Color
R_{YB}	123, 123, 109
Decimal	8090733
CIE Lab	49.26, 1.38, 4.82
CIE LCh	49, 5.016, 74.044
Yxy	17.8059, 0.3304, 0.3426
Android (android.graphics.Color)	4286280813 (0xFF7B746D)
YUV	117.2950, -4.0894, 5.0033
Hunter-Lab	42.1970, -1.1957, 5.6521

Details

The XYZ color **17.1741, 17.8059, 16.9997** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.1271, 17.1717, 21.2035**, and the grayscale version is **17.0114, 17.8973, 19.4901**.

A 20% lighter version of the original color is **38.0270, 39.6573, 38.9081**, and **5.7607, 5.9379, 5.3999** is the 20% darker color. If you saturate the color by 10%, you get **15.8726, 16.1892, 13.5245**, and if you desaturate by 10%, it is **18.6162, 19.5551, 20.9794**.

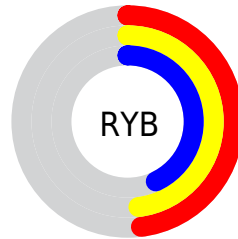
Distribution



Red (48%)

Green (45%)

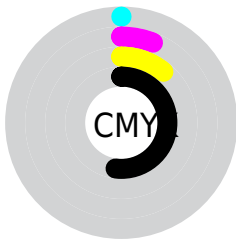
Blue (43%)



Red (48%)

Yellow (48%)

Blue (43%)

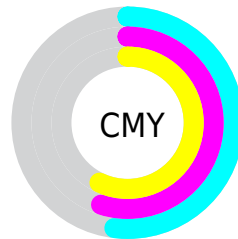


Cyan (0%)

Magenta (6%)

Yellow (11%)

Black (52%)



Cyan (52%)

Magenta (55%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1741, 17.8059, 16.9997 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 17.1741, 17.8059, 16.9997 by changing the saturation by 10% instead.

■ 17.1741, 17.8059,
16.9997

■ 17.1741, 17.8059,
16.9997

229.3104,
239.7747, 247.2145

■ 10.4548, 10.8107,
10.0723

■ 38.1661, 39.7063,
39.1159

■ 5.7661, 5.9397,
5.3407

■ 53.1695, 55.3803,
55.1418

■ 2.7427, 2.8085,
2.3863

■ 71.6649, 74.7161,
75.0376

■ 1.0192, 1.0326,
0.7790

■ 94.0177, 98.0980,
99.2219

■ 0.0000, 0.0000,
0.0000

120.5934,
125.9104, 128.1132

151.7571,

158.5377, 162.1301

187.8743,
196.3644, 201.6910

■ 17.1741, 17.8059,
16.9997

■ 17.1741, 17.8059,
16.9997

■ 15.8726, 16.1892,
13.5245

■ 18.6162, 19.5551,
20.9794

■ 14.7054, 14.6993,
10.5322

■ 20.2019, 21.4375,
25.4817

■ 13.6681, 13.3335,
8.0014

■ 21.9360, 23.4571,
30.5253

■ 12.7552, 12.0880,
5.9083

■ 23.8225, 25.6168,
36.1275

■ 11.9611, 10.9591,
4.2275

■ 25.8653, 27.9195,
42.3050

■ 11.2792, 9.9424,
2.9304

■ 28.0682, 30.3680,
49.0736

■ 10.7026, 9.0335,
1.9849

■ 30.4348, 32.9648,
56.4486

■ 10.2231, 8.2274,
1.3538

■ 32.9686, 35.7127,
64.4446

■ 9.8653, 7.6046,
0.9479

■ 35.6730, 38.6142,
73.0761

Harmonies

Analogous

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



17.5832, 17.8059, 17.6401



17.1741, 17.8059, 16.9997



16.7052, 17.8059, 16.9792

Triad

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



17.1741, 17.8059, 16.9997



16.0607, 17.8059, 20.0237



17.5613, 17.8059, 21.3119

Complementary

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



17.1741, 17.8059, 16.9997



16.1271, 17.1717, 21.2035

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.



17.1447, 17.8059, 22.0136



17.1741, 17.8059, 16.9997



16.2814, 17.8059, 21.2468

Square

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



17.1741, 17.8059, 16.9997



16.0682, 17.8059, 18.6835



16.6763, 17.8059, 21.9893



17.8096, 17.8059, 20.1092

Rectangle

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



17.1741, 17.8059, 16.9997



16.4221, 17.8059, 17.3173



16.6763, 17.8059, 21.9893



17.4360, 17.8059, 21.6167

Sweetspot

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



17.1746, 17.8067, 17.0001



32.8819, 34.4714, 36.2979



16.7896, 16.4094, 18.8056



7.6986, 8.0636, 8.4217



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.



17.1746, 17.8067, 17.0001



30.0387, 31.0048, 28.5065



18.0118, 19.4812, 17.2792



4.1485, 4.3154, 4.2388



10.2000, 7.8559, 0.9787



47.8038, 35.7710, 4.3850

Inverse Universe

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



16.1271, 17.1717, 21.2035



27.7206, 29.5995, 37.8089



15.3507, 15.6188, 20.9447



3.9477, 4.1937, 5.0446



5.4458, 4.9740, 20.0583



25.1257, 22.0240, 95.3966

Previews

White Background



This preview shows how the XYZ color 17.1741, 17.8059, 16.9997 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 17.1741, 17.8059, 16.9997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

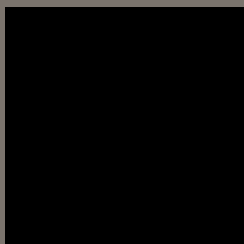
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

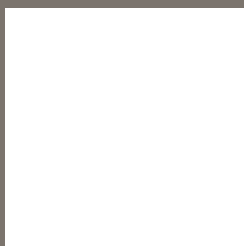
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1741, 17.8059, 16.9997

Background



This preview shows how black text looks on a background with the XYZ color 17.1741, 17.8059, 16.9997.



This preview shows how white text looks on a background with the XYZ color 17.1741, 17.8059,

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

17.1741, 17.8059, 16.9997

Protanopia

17.0068, 17.8917, 17.0251

Deuteranopia

18.0797, 17.7613, 17.2272



Tritanopia

18.0499, 17.8247, 21.2281

Trichromacy



Original Color

17.1741, 17.8059, 16.9997

Protanomaly

17.1476, 17.9643, 17.0317

Deuteranomaly

17.7339, 17.7496, 17.2432

Tritanomaly

17.7129, 17.8546, 19.6522

Monochromacy



Original Color

17.1741, 17.8059, 16.9997

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.0063, 17.8594, 18.4705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1741, 17.8059, 16.9997 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(123, 116, 109)` looks like.

```
.text, #text, p{  
    color:rgb(123, 116, 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(123, 116, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 116, 109) }
```

Border

The CSS property to change the border of an element to XYZ 17.1741, 17.8059, 16.9997 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(123, 116, 109) }
```


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

```
.border{ border-color:rgb(123, 116, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 116, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 116, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 116, 109);  
box-shadow:4px 4px 4px 4px rgb(123, 116,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1741, 17.8059, 16.9997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 116, 109) }
```

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

```
.background{ background-color: rgb(123,  
116, 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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