

Converting Colors

XYZ(17.8584, 18.3561, 16.5422)

Have a look what the booklet for
XYZ(17.8584, 18.3561, 16.5422)
contains.

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Color

**XYZ(17.9172, 18.3733,
16.5120)**

Conversions

Conversions Part 1

Format	Color
Hex	80756B
RGB	128, 117, 107
RGB Percent	50%, 46%, 42%
CMY	0.4980, 0.5412, 0.5804
CMYK	0.00, 0.09, 0.16, 0.50
HSL	29°, 9%, 46%
HSV	29°, 16%, 50%
XYZ	17.9172, 18.3733, 16.5120
YIQ	119.1490, 9.7660, -0.7780

Conversions

Conversions Part 2

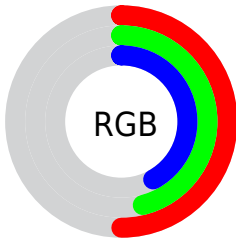
Format	Color
R_{YB}	128, 126, 107
Decimal	8418667
CIE Lab	49.95, 2.44, 7.05
CIE LCh	50, 7.457, 70.885
Yxy	18.3733, 0.3393, 0.3480
Android (android.graphics.Color)	4286608747 (0xFF80756B)
YUV	119.1490, -5.9895, 7.7623
Hunter-Lab	42.8641, -0.3991, 7.1653

Details

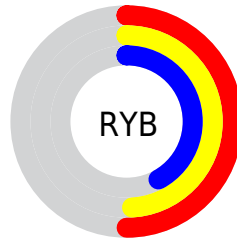
The XYZ color **17.9172, 18.3733, 16.5120** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4380, 17.6408, 22.9608**, and the grayscale version is **17.5984, 18.5148, 20.1627**.

A 20% lighter version of the original color is **39.4156, 40.6683, 38.1201**, and **6.1682, 6.2448, 5.1552** is the 20% darker color. If you saturate the color by 10%, you get **16.5399, 16.6177, 12.9728**, and if you desaturate by 10%, it is **19.4511, 20.2823, 20.5957**.

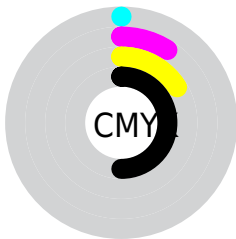
Distribution



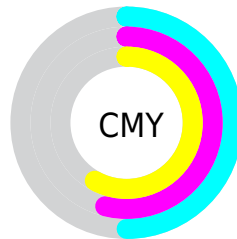
- Red (50%)
- Green (46%)
- Blue (42%)



- Red (50%)
- Yellow (49%)
- Blue (42%)



- Cyan (0%)
- Magenta (9%)
- Yellow (16%)
- Black (50%)



- Cyan (50%)
- Magenta (54%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9172, 18.3733, 16.5120 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 17.9172, 18.3733, 16.5120 by changing the saturation by 10% instead.

■ 17.9172, 18.3733,
16.5120

■ 17.9172, 18.3733,
16.5120

233.4585,
242.9668, 244.2923

■ 10.9899, 11.2183,
9.7289

■ 39.4274, 40.6724,
38.2639

■ 6.1273, 6.2139,
5.1163

■ 54.7409, 56.5853,
54.0698

■ 2.9640, 2.9756,
2.2558

■ 73.5806, 76.1863,
73.7203

■ 1.1348, 1.1190,
0.7063

■ 96.3118, 99.8599,
97.6341

■ 0.0539, 0.0000,
0.0000

123.2999,
127.9903, 126.2297

■ 0.0000, 0.0000,
0.0000

154.9101,

160.9620, 159.9255

191.5079,
199.1594, 199.1402

■ 17.9172, 18.3733,
16.5120

■ 17.9172, 18.3733,
16.5120

■ 16.5399, 16.6177,
12.9728

■ 19.4511, 20.2823,
20.5957

■ 15.3123, 15.0090,
9.9536

■ 21.1455, 22.3461,
25.2448

■ 14.2288, 13.5437,
7.4297

■ 23.0057, 24.5694,
30.4803

■ 13.2833, 12.2173,
5.3740

■ 25.0364, 26.9556,
36.3220

■ 12.4689, 11.0250,
3.7564

■ 27.2423, 29.5083,
42.7885

■ 11.7778, 9.9616,
2.5438

■ 29.6277, 32.2308,
49.8978

■ 11.2017, 9.0214,
1.6978

■ 32.1967, 35.1265,
57.6672

■ 10.7258, 8.1963,
1.1488

■ 34.9534, 38.1983,
66.1132

■ 10.5692, 7.9233,
0.9723

■ 37.9017, 41.4495,
75.2517

Harmonies

Analogous

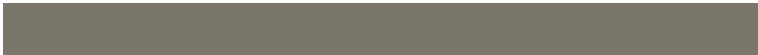
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



18.5231, 18.3733, 17.5380



17.9172, 18.3733, 16.5120



17.2050, 18.3733, 16.3837

Triad

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



17.9172, 18.3733, 16.5120



16.1481, 18.3733, 20.7580



18.3784, 18.3733, 23.1312

Complementary

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



17.9172, 18.3733, 16.5120



16.4380, 17.6408, 22.9608

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.



17.7241, 18.3733, 24.1250



17.9172, 18.3733, 16.5120



16.4447, 18.3733, 22.6940

Square

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



17.9172, 18.3733, 16.5120



16.1966, 18.3733, 18.7440



17.0171, 18.3733, 23.9597



18.7943, 18.3733, 21.3222

Rectangle

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



17.9172, 18.3733, 16.5120



16.7672, 18.3733, 16.8140



17.0171, 18.3733, 23.9597



18.1783, 18.3733, 23.5771

Sweetspot

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



17.9177, 18.3741, 16.5124



34.6155, 36.1634, 37.2615



17.4419, 16.4176, 19.4517



8.0647, 8.4181, 8.6162



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.



17.9177, 18.3741, 16.5124



30.5307, 31.0647, 26.4326



19.1842, 20.9072, 16.9346



4.4835, 4.6558, 4.5825



10.4814, 7.8593, 0.9646



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.4380, 17.6408, 22.9608



27.3698, 29.4980, 40.2074



15.2909, 15.3465, 22.5784



4.2806, 4.5552, 5.4669



5.8569, 5.5324, 21.0091



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.9172, 18.3733, 16.5120 looks on a white 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

Black Background



This preview shows how the XYZ color 17.9172, 18.3733, 16.5120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

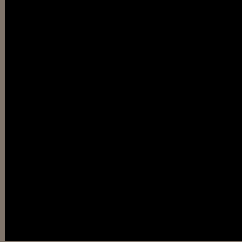
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.9172, 18.3733, 16.5120

Background



This preview shows how black text looks on a background with the XYZ color 17.9172, 18.3733, 16.5120.



This preview shows how white text looks on a background with the XYZ color 17.9172, 18.3733,

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

17.9172, 18.3733, 16.5120

Protanopia

17.4974, 18.3247, 16.8022

Deuteranopia

18.6161, 18.3913, 16.4786



Tritanopia

18.9747, 18.4625, 21.6323

Trichromacy



Original Color

17.9172, 18.3733, 16.5120

Protanomaly

17.6427, 18.3996, 16.8090

Deuteranomaly

18.4150, 18.4579, 16.5021

Tritanomaly

18.5687, 18.4659, 19.7251

Monochromacy



Original Color

17.9172, 18.3733, 16.5120

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.5990, 18.3322, 18.8306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9172, 18.3733, 16.5120 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, 117, 107)` looks like.

```
.text, #text, p{  
    color:rgb(128, 117, 107)  
}
```

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, 117, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 117, 107) }
```

Border

The CSS property to change the border of an element to XYZ 17.9172, 18.3733, 16.5120 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, 117, 107) }
```


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

```
.border{ border-color:rgb(128, 117, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 117, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 117, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 117, 107);  
box-shadow:4px 4px 4px 4px rgb(128, 117,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9172, 18.3733, 16.5120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 117, 107) }
```

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

```
.background{ background-color: rgb(128,  
117, 107) }
```

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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