

Converting Colors

XYZ(17.6304, 17.0020, 18.8755)

Have a look what the booklet for
XYZ(17.6304, 17.0020, 18.8755)
contains.

XYZ(17.6304, 17.0020, 18.8755)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.6304, 17.0020,
18.8755)**

Conversions

Conversions Part 1

Format	Color
Hex	806E74
RGB	128, 110, 116
RGB Percent	50%, 43%, 45%
CMY	0.4980, 0.5686, 0.5451
CMYK	0.00, 0.14, 0.09, 0.50
HSL	340°, 8%, 47%
HSV	340°, 14%, 50%
XYZ	17.6304, 17.0020, 18.8755
YIQ	116.0660, 8.8020, 5.6820

Conversions

Conversions Part 2

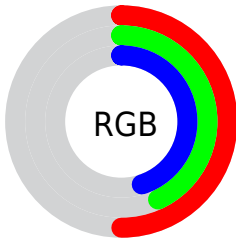
Format	Color
R_{YB}	128, 110, 116
Decimal	8416884
CIE Lab	48.26, 8.16, -0.72
CIE LCh	48, 8.191, 354.958
Yxy	17.0020, 0.3295, 0.3177
Android (android.graphics.Color)	4286606964 (0xFF806E74)
YUV	116.0660, -0.0325, 10.4661
Hunter-Lab	41.2335, 4.1635, 1.7222

Details

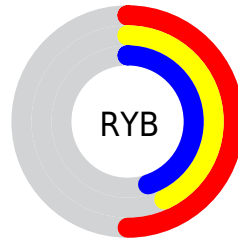
The XYZ color **17.6304, 17.0020, 18.8755** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.6631, 20.1589, 21.3734**, and the grayscale version is **16.6193, 17.4848, 19.0409**.

A 20% lighter version of the original color is **39.0443, 38.4916, 42.4175**, and **5.9905, 5.5249, 6.2195** is the 20% darker color. If you saturate the color by 10%, you get **15.8741, 14.2476, 15.9523**, and if you desaturate by 10%, it is **19.6328, 20.1752, 22.1062**.

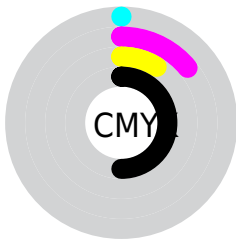
Distribution



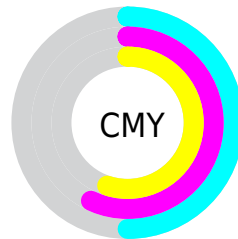
- Red (50%)
- Green (43%)
- Blue (45%)



- Red (50%)
- Yellow (43%)
- Blue (45%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (50%)



- Cyan (50%)
- Magenta (57%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6304, 17.0020, 18.8755 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 17.6304, 17.0020, 18.8755 by changing the saturation by 10% instead.

■ 17.6304, 17.0020,
18.8755

■ 17.6304, 17.0020,
18.8755

231.8656,
235.1839, 258.1604

■ 10.7830, 10.2359,
11.4045

■ 38.9416, 38.3292,
42.3575

■ 5.9873, 5.5557,
6.2220

■ 54.1361, 53.6591,
59.2056

■ 2.8780, 2.5768,
2.9096

■ 72.8437, 72.6125,
80.0163

■ 1.0896, 0.9150,
1.0486

■ 95.4297, 95.5736,
105.2084

■ 0.0164, 0.0000,
0.0000

122.2596,
122.9269, 135.2003

■ 0.0000, 0.0000,
0.0000

153.6986,

155.0568, 170.4106

190.1121,
192.3477, 211.2577

■ 17.6304, 17.0020,
18.8755

■ 17.6304, 17.0020,
18.8755

■ 15.8741, 14.2476,
15.9523

■ 19.6328, 20.1752,
22.1062

■ 14.3528, 11.8922,
13.3263

■ 21.8890, 23.7814,
25.6521

■ 13.0564, 9.9178,
10.9880

■ 24.4083, 27.8369,
29.5222

■ 11.9738, 8.3041,
8.9271

■ 27.1988, 32.3566,
33.7246

■ 11.0928, 7.0289,
7.1327

■ 30.2685, 37.3545,
38.2671

■ 10.3999, 6.0675,
5.5929

■ 33.6251, 42.8443,
43.1573

■ 9.8797, 5.3920,
4.2948

■ 37.2757, 48.8388,
48.4026

■ 9.5126, 4.9654,
3.2238

■ 41.2274, 55.3506,
54.0101

■ 9.3319, 4.7611,
2.6797

■ 45.4870, 62.3917,
59.9867

Harmonies

Analogous

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



17.3622, 17.0020, 20.9712



17.6304, 17.0020, 18.8755



17.4948, 17.0020, 16.8334

Triad

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



17.6304, 17.0020, 18.8755



15.5625, 17.0020, 15.0339



15.3507, 17.0020, 22.0813

Complementary

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



17.6304, 17.0020, 18.8755



17.6631, 20.1589, 21.3734

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.



14.8947, 17.0020, 20.2993



17.6304, 17.0020, 18.8755



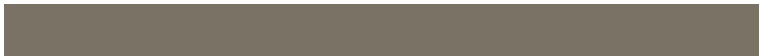
15.0144, 17.0020, 16.2535

Square

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



17.6304, 17.0020, 18.8755



16.2862, 17.0020, 14.7163



14.7735, 17.0020, 18.1538



16.0342, 17.0020, 22.9106

Rectangle

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



17.6304, 17.0020, 18.8755



17.1957, 17.0020, 15.7602



14.7735, 17.0020, 18.1538



15.1665, 17.0020, 21.5675

Sweetspot

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



17.6309, 17.0028, 18.8759



34.5544, 35.5024, 38.9022



17.4988, 16.8487, 22.7521



8.0322, 8.2199, 9.0158



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.



17.6309, 17.0028, 18.8759



29.9643, 28.2399, 31.4600



17.6223, 17.5260, 17.2068



4.3823, 4.3661, 4.8177



9.2538, 4.7212, 2.6603



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.6309, 17.0028, 18.8759



29.9643, 28.2399, 31.4600



17.6609, 19.5412, 23.2633



4.3823, 4.3661, 4.8177



9.2538, 4.7212, 2.6603



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.6304, 17.0020, 18.8755 looks on a white background.

Color Contrast Check

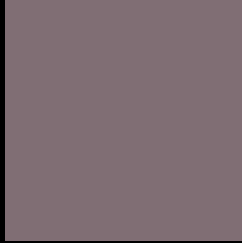
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6304, 17.0020, 18.8755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

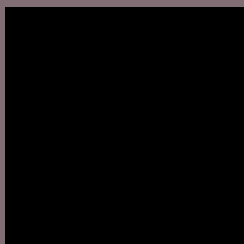
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.6304, 17.0020, 18.8755

Background



This preview shows how black text looks on a background with the XYZ color 17.6304, 17.0020, 18.8755.



This preview shows how white text looks on a background with the XYZ color 17.6304, 17.0020,

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

17.6304, 17.0020, 18.8755

Protanopia

16.4898, 17.0556, 19.5625

Deuteranopia

17.2943, 16.9898, 18.8909



Tritanopia

17.7480, 17.0491, 19.4949

Trichromacy



Original Color

17.6304, 17.0020, 18.8755

Protanomaly

16.8617, 17.0877, 19.2392

Deuteranomaly

17.4410, 17.0655, 18.8977

Tritanomaly

17.6889, 17.0254, 19.1835

Monochromacy



Original Color

17.6304, 17.0020, 18.8755

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.9154, 17.2887, 18.9685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6304, 17.0020, 18.8755 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, 110, 116)` looks like.

```
.text, #text, p{  
    color:rgb(128, 110, 116)  
}
```

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, 110, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 110, 116) }
```

Border

The CSS property to change the border of an element to XYZ 17.6304, 17.0020, 18.8755 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, 110, 116) }
```


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

```
.border{ border-color:rgb(128, 110, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 110, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 110, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 110, 116);  
box-shadow:4px 4px 4px 4px rgb(128, 110,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6304, 17.0020, 18.8755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 110, 116) }
```

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

```
.background{ background-color: rgb(128,  
110, 116) }
```

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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