

Converting Colors

XYZ(17.3240, 18.7803, 16.3476)

Have a look what the booklet for
XYZ(17.3240, 18.7803, 16.3476)
contains.

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Color

**XYZ(17.3240, 18.7803,
16.3476)**

Conversions

Conversions Part 1

Format	Color
Hex	79796A
RGB	121, 121, 106
RGB Percent	47%, 47%, 42%
CMY	0.5255, 0.5255, 0.5843
CMYK	0.00, 0.00, 0.12, 0.53
HSL	60°, 7%, 45%
HSV	60°, 12%, 47%
XYZ	17.3240, 18.7803, 16.3476
YIQ	119.2900, 4.8150, -4.6650

Conversions

Conversions Part 2

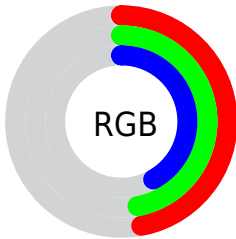
Format	Color
R_{YB}	106, 121, 106
Decimal	7960938
CIE _{Lab}	50.43, -2.84, 8.23
CIE _{LCh}	50, 8.711, 109.037
Yxy	18.7803, 0.3303, 0.3580
Android (android.graphics.Color)	4286151018 (0xFF79796A)
YUV	119.2900, -6.5520, 1.4997
Hunter-Lab	43.3362, -4.4817, 7.9696

Details

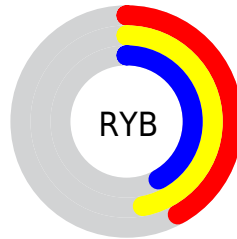
The XYZ color **17.3240, 18.7803, 16.3476** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.5499, 14.7533, 20.1710**, and the grayscale version is **17.6459, 18.5649, 20.2172**.

A 20% lighter version of the original color is **38.2630, 41.2057, 37.8351**, and **5.8444, 6.4586, 5.0763** is the 20% darker color. If you saturate the color by 10%, you get **16.7385, 18.5467, 13.2640**, and if you desaturate by 10%, it is **17.9994, 19.0511, 19.8997**.

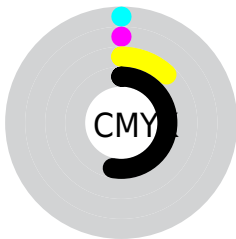
Distribution



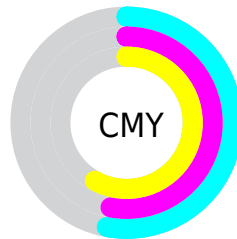
- Red (47%)
- Green (47%)
- Blue (42%)



- Red (42%)
- Yellow (47%)
- Blue (42%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (53%)



- Cyan (53%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3240, 18.7803, 16.3476 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 17.3240, 18.7803, 16.3476 by changing the saturation by 10% instead.

■ 17.3240, 18.7803,
16.3476

■ 17.3240, 18.7803,
16.3476

230.1527,
245.2332, 243.2995

■ 10.5625, 11.5116,
9.6134

■ 38.4212, 41.3625,
37.9758

■ 5.8386, 6.4121,
5.0412

■ 53.4876, 57.4449,
53.7069

■ 2.7869, 3.0972,
2.2123

■ 72.0530, 77.2339,
73.2740

■ 1.0421, 1.1827,
0.6814

■ 94.4828, 101.1140,
97.0957

■ 0.0000, 0.0475,
0.0000

121.1423,
129.4696, 125.5906

■ 0.0000, 0.0000,
0.0000

152.3969,

162.6851, 159.1772

188.6119,
201.1448, 198.2740

■ 17.3240, 18.7803,
16.3476

■ 17.3240, 18.7803,
16.3476

■ 16.7385, 18.5467,
13.2640

■ 17.9994, 19.0511,
19.8997

■ 16.2376, 18.3463,
10.6283

■ 18.7665, 19.3580,
23.9376

■ 15.8179, 18.1783,
8.4199

■ 19.6293, 19.7032,
28.4788

■ 15.4750, 18.0412,
6.6165

■ 20.5907, 20.0878,
33.5400

■ 15.2044, 17.9329,
5.1934

■ 21.6540, 20.5131,
39.1368

■ 15.0008, 17.8514,
4.1234

■ 22.8218, 20.9803,
45.2844

■ 14.8585, 17.7944,
3.3756

■ 24.0969, 21.4904,
51.9973

■ 14.7703, 17.7591,
2.9135

■ 25.4820, 22.0445,
59.2894

■ 14.7197, 17.7388,
2.6481

■ 26.9797, 22.6436,
67.1741

Harmonies

Analogous

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



18.1617, 18.7803, 16.2016



17.3240, 18.7803, 16.3476



16.6480, 18.7803, 17.5399

Triad

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



17.3240, 18.7803, 16.3476



16.8033, 18.7803, 24.1779



19.4977, 18.7803, 21.3488

Complementary

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



17.3240, 18.7803, 16.3476



14.5499, 14.7533, 20.1710

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.



19.1088, 18.7803, 23.6623



17.3240, 18.7803, 16.3476



17.5421, 18.7803, 25.3795

Square

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



17.3240, 18.7803, 16.3476



16.3540, 18.7803, 22.0084



18.3868, 18.7803, 25.1837



19.4348, 18.7803, 18.9642

Rectangle

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



17.3240, 18.7803, 16.3476



16.3717, 18.7803, 18.8243



18.3868, 18.7803, 25.1837



19.4150, 18.7803, 22.1636

Sweetspot

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



17.3245, 18.7811, 16.3480



32.0130, 34.0266, 34.4902



15.6414, 15.4141, 15.7868



7.3015, 7.7729, 7.7896



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.



17.3245, 18.7811, 16.3480



30.6931, 33.4986, 27.5435



16.3142, 18.2603, 16.3007



4.3077, 4.6339, 4.2919



15.7734, 19.0087, 2.8377



75.2397, 90.6729, 13.5361

Inverse Universe

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



14.5499, 14.7533, 20.1710



24.6524, 24.7293, 35.8668



15.4804, 15.2330, 20.2146



3.7977, 3.8936, 4.9946



3.6988, 1.4796, 19.4759



17.6428, 7.0572, 92.9021

Previews

White Background



This preview shows how the XYZ color 17.3240, 18.7803, 16.3476 looks on a white background.

Color Contrast Check

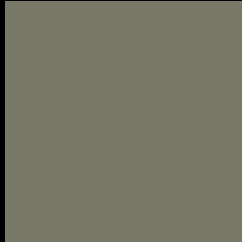
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3240, 18.7803, 16.3476 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

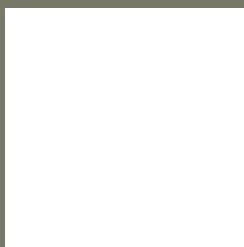
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3240, 18.7803, 16.3476

Background



This preview shows how black text looks on a background with the XYZ color 17.3240, 18.7803, 16.3476.



This preview shows how white text looks on a background with the XYZ color 17.3240, 18.7803,

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

17.3240, 18.7803, 16.3476

Protanopia

17.7237, 18.8128, 16.0617

Deuteranopia

19.0526, 18.7866, 16.5319



Tritanopia

18.6214, 18.7743, 22.7210

Trichromacy



Original Color

17.3240, 18.7803, 16.3476

Protanomaly

17.5785, 18.7379, 16.0549

Deuteranomaly

18.4923, 18.8437, 16.5725

Tritanomaly

18.0950, 18.7365, 20.1156

Monochromacy



Original Color

17.3240, 18.7803, 16.3476

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.4995, 18.6409, 18.5953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3240, 18.7803, 16.3476 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, 121, 106)` looks like.

```
.text, #text, p{  
    color:rgb(121, 121, 106)  
}
```

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, 121, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 121, 106) }
```

Border

The CSS property to change the border of an element to XYZ 17.3240, 18.7803, 16.3476 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, 121, 106) }
```


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

```
.border{ border-color:rgb(121, 121, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 121, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 121, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 121, 106);  
box-shadow:4px 4px 4px 4px rgb(121, 121,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3240, 18.7803, 16.3476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 121, 106) }
```

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

```
.background{ background-color: rgb(121,  
121, 106) }
```

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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