

Converting Colors

XYZ(18.1274, 16.6051, 18.8505)

Have a look what the booklet for
XYZ(18.1274, 16.6051, 18.8505)
contains.

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Color

**XYZ(18.1379, 16.6374,
18.7784)**

Conversions

Conversions Part 1

Format	Color
Hex	866A74
RGB	134, 106, 116
RGB Percent	53%, 42%, 45%
CMY	0.4745, 0.5843, 0.5451
CMYK	0.00, 0.21, 0.13, 0.47
HSL	339°, 12%, 47%
HSV	339°, 21%, 53%
XYZ	18.1379, 16.6374, 18.7784
YIQ	115.5120, 13.4780, 9.0460

Conversions

Conversions Part 2

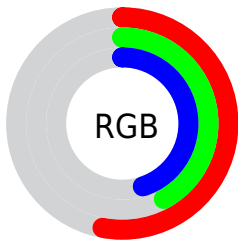
Format	Color
R_{YB}	134, 106, 116
Decimal	8809076
CIE Lab	47.80, 12.86, -1.33
CIE LCh	48, 12.932, 354.114
Yxy	16.6374, 0.3387, 0.3107
Android (android.graphics.Color)	4286999156 (0xFF866A74)
YUV	115.5120, 0.2406, 16.2140
Hunter-Lab	40.7890, 7.9941, 1.2564

Details

The XYZ color **18.1379, 16.6374, 18.7784** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.1077, 21.5699, 22.2788**, and the grayscale version is **16.4481, 17.3047, 18.8449**.

A 20% lighter version of the original color is **39.6184, 37.5059, 42.1970**, and **6.2635, 5.4301, 6.1868** is the 20% darker color. If you saturate the color by 10%, you get **16.3854, 13.8973, 15.8354**, and if you desaturate by 10%, it is **20.1537, 19.8292, 22.0388**.

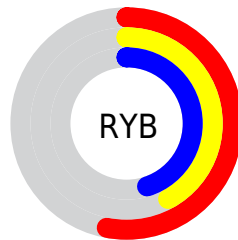
Distribution



Red (53%)

Green (42%)

Blue (45%)



Red (53%)

Yellow (42%)

Blue (45%)

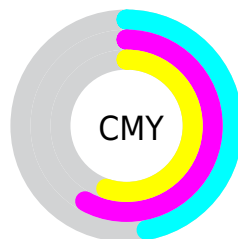


Cyan (0%)

Magenta (21%)

Yellow (13%)

Black (47%)



Cyan (47%)

Magenta (58%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1379, 16.6374, 18.7784 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 18.1379, 16.6374, 18.7784 by changing the saturation by 10% instead.

■ 18.1379, 16.6374,
18.7784

■ 18.1379, 16.6374,
18.7784

234.6777,
233.0741, 257.6045

■ 11.1493, 9.9763,
11.3351

■ 39.8004, 37.7013,
42.1910

■ 6.2354, 5.3833,
6.1757

■ 55.2050, 52.8729,
58.9974

■ 3.0308, 2.4738,
2.8817

■ 74.1458, 71.6500,
79.7618

■ 1.1700, 0.8635,
1.0345

■ 96.9879, 94.4173,
104.9029

■ 0.0825, 0.0000,
0.0000

124.0968,
121.5589, 134.8392

■ 0.0000, 0.0000,
0.0000

155.8378,

153.4593, 169.9892

192.5764,
190.5029, 210.7714

■ 18.1379, 16.6374,
18.7784

■ 18.1379, 16.6374,
18.7784

■ 16.3854, 13.8973,
15.8354

■ 20.1537, 19.8292,
22.0388

■ 14.8834, 11.5862,
13.1989

■ 22.4418, 23.4895,
25.6252

■ 13.6204, 9.6827,
10.8587

■ 25.0128, 27.6373,
29.5468

■ 12.5832, 8.1627,
8.8037

■ 27.8760, 32.2897,
33.8125

■ 11.7573, 6.9997,
7.0218

■ 31.0404, 37.4628,
38.4305

■ 11.1265, 6.1634,
5.5002

■ 34.5147, 43.1722,
43.4090

■ 10.6719, 5.6188,
4.2245

■ 38.3072, 49.4328,
48.7557

■ 10.3619, 5.2805,
3.2532

■ 42.4257, 56.2588,
54.4782

■ 46.8779, 63.6642,
60.5839

Harmonies

Analogous

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



17.6905, 16.6374, 22.1244



18.1379, 16.6374, 18.7784



17.9382, 16.6374, 15.6284

Triad

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



18.1379, 16.6374, 18.7784



14.9193, 16.6374, 12.8871



14.5414, 16.6374, 23.8004

Complementary

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



18.1379, 16.6374, 18.7784



18.1077, 21.5699, 22.2788

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.



13.8633, 16.6374, 20.8530



18.1379, 16.6374, 18.7784



14.0739, 16.6374, 14.6224

Square

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



18.1379, 16.6374, 18.7784



16.0432, 16.6374, 12.4741



13.6964, 16.6374, 17.4680



15.5857, 16.6374, 25.2429

Rectangle

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



18.1379, 16.6374, 18.7784



17.4697, 16.6374, 14.0219



13.6964, 16.6374, 17.4680



14.2651, 16.6374, 22.9366

Sweetspot

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



18.1384, 16.6381, 18.7787



37.3670, 37.9022, 41.7658



17.7314, 16.2954, 24.7650



8.3712, 8.4634, 9.3352



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.1384, 16.6381, 18.7787



30.4632, 26.9692, 30.6027



17.9808, 17.2041, 16.0097



4.7362, 4.7142, 5.2231



9.7154, 4.9505, 3.0739



0.0369, 0.0185, 0.0278

Inverse Universe

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



18.1384, 16.6381, 18.7787



30.4632, 26.9692, 30.6027



18.2656, 20.8221, 25.6106



4.7362, 4.7142, 5.2231



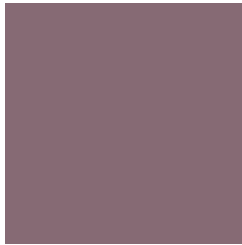
9.7154, 4.9505, 3.0739



0.0369, 0.0185, 0.0278

Previews

White Background



This preview shows how the XYZ color 18.1379, 16.6374, 18.7784 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 18.1379, 16.6374, 18.7784 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 18.1379, 16.6374, 18.7784

Background



This preview shows how black text looks on a background with the XYZ color 18.1379, 16.6374, 18.7784.



This preview shows how white text looks on a background with the XYZ color 18.1379, 16.6374,

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

18.1379, 16.6374, 18.7784

Protanopia

16.2347, 16.7437, 20.1455

Deuteranopia

16.9826, 16.6748, 18.5431



Tritanopia

18.0228, 16.5913, 18.1721

Trichromacy



Original Color

18.1379, 16.6374, 18.7784

Protanomaly

16.7909, 16.5487, 19.7620

Deuteranomaly

17.4652, 16.7643, 18.5350

Tritanomaly

18.0801, 16.6142, 18.4736

Monochromacy



Original Color

18.1379, 16.6374, 18.7784

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.1149, 17.0602, 18.9139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1379, 16.6374, 18.7784 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(134, 106, 116)` looks like.

```
.text, #text, p{  
    color:rgb(134, 106, 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(134, 106, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 106, 116) }
```

Border

The CSS property to change the border of an element to XYZ 18.1379, 16.6374, 18.7784 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(134, 106, 116) }
```


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

```
.border{ border-color:rgb(134, 106, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 106, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 106, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 106, 116);  
box-shadow:4px 4px 4px 4px rgb(134, 106,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1379, 16.6374, 18.7784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 106, 116) }
```

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

```
.background{ background-color: rgb(134,  
106, 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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