

Converting Colors

XYZ(18.1143, 16.7258, 16.6350)

Have a look what the booklet for
XYZ(18.1143, 16.7258, 16.6350)
contains.

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Color

**XYZ(18.0677, 16.6464,
16.7288)**

Conversions

Conversions Part 1

Format	Color
Hex	886A6D
RGB	136, 106, 109
RGB Percent	53%, 42%, 43%
CMY	0.4667, 0.5843, 0.5725
CMYK	0.00, 0.22, 0.20, 0.47
HSL	354°, 12%, 47%
HSV	354°, 22%, 53%
XYZ	18.0677, 16.6464, 16.7288
YIQ	115.3120, 16.9170, 7.2930

Conversions

Conversions Part 2

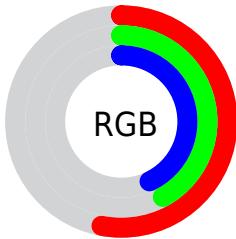
Format	Color
RYB	136, 106, 109
Decimal	8940141
CIELab	47.81, 12.44, 2.90
CIELCh	48, 12.776, 13.124
Yxy	16.6464, 0.3512, 0.3236
Android (android.graphics.Color)	4287130221 (0xFF886A6D)
YUV	115.3120, -3.1118, 18.1434
Hunter-Lab	40.8000, 7.6462, 4.2499

Details

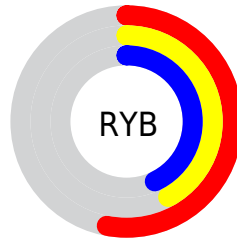
The XYZ color **18.0677, 16.6464, 16.7288** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.9823, 22.3664, 25.5081**, and the grayscale version is **16.3963, 17.2502, 18.7855**.

A 20% lighter version of the original color is **39.6373, 37.5992, 38.4260**, and **6.2712, 5.4542, 5.2797** is the 20% darker color. If you saturate the color by 10%, you get **16.1621, 13.8172, 13.0658**, and if you desaturate by 10%, it is **20.2883, 19.9584, 20.9501**.

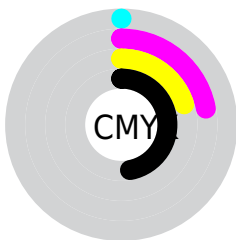
Distribution



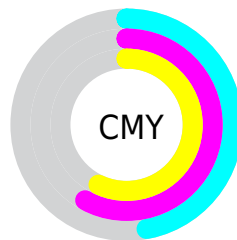
- Red (53%)
- Green (42%)
- Blue (43%)



- Red (53%)
- Yellow (42%)
- Blue (43%)



- Cyan (0%)
- Magenta (22%)
- Yellow (20%)
- Black (47%)



- Cyan (47%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0677, 16.6464, 16.7288 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 18.0677, 16.6464, 16.7288 by changing the saturation by 10% instead.

■ 18.0677, 16.6464,
16.7288

■ 18.0677, 16.6464,
16.7288

234.2906,
233.1264, 245.5955

■ 11.0986, 9.9827,
9.8814

■ 39.6818, 37.7168,
38.6431

■ 6.2010, 5.3875,
5.2158

■ 55.0576, 52.8923,
54.5472

■ 3.0095, 2.4764,
2.3135

■ 73.9662, 71.6739,
74.3072

■ 1.1588, 0.8648,
0.7388

■ 96.7731, 94.4459,
98.3417

■ 0.0734, 0.0000,
0.0000

123.8436,
121.5927, 127.0692

■ 0.0000, 0.0000,
0.0000

155.5432,

153.4988, 160.9083

192.2370,
190.5486, 200.2776

■ 18.0677, 16.6464,
16.7288

■ 18.0677, 16.6464,
16.7288

■ 16.1621, 13.8172,
13.0658

■ 20.2883, 19.9584,
20.9501

■ 14.5559, 11.4461,
9.9366

■ 22.8359, 23.7719,
25.7505

■ 13.2342, 9.5097,
7.3165

■ 25.7235, 28.1074,
31.1511

■ 12.1804, 7.9816,
5.1787

■ 28.9628, 32.9834,
37.1718

■ 11.3759, 6.8324,
3.4935

■ 32.5654, 38.4178,
43.8314

■ 10.8001, 6.0290,
2.2281

■ 36.5419, 44.4275,
51.1479

■ 10.4287, 5.5323,
1.3454

■ 40.9027, 51.0286,
59.1387

■ 10.2300, 5.2649,
0.8781

■ 45.6577, 58.2368,
67.8204

■ 50.8166, 66.0669,
77.2091

Harmonies

Analogous

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



18.0269, 16.6464, 20.0206



18.0677, 16.6464, 16.7288



17.4863, 16.6464, 14.1423

Triad

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



18.0677, 16.6464, 16.7288



14.3621, 16.6464, 13.8960



15.1905, 16.6464, 24.8639

Complementary

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



18.0677, 16.6464, 16.7288



18.9823, 22.3664, 25.5081

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.



14.2666, 16.6464, 22.7932



18.0677, 16.6464, 16.7288



13.8045, 16.6464, 16.3532

Square

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



18.0677, 16.6464, 16.7288



15.3265, 16.6464, 12.6449



13.7704, 16.6464, 19.5970



16.3278, 16.6464, 24.9962

Rectangle

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



18.0677, 16.6464, 16.7288



16.8397, 16.6464, 13.0560



13.7704, 16.6464, 19.5970



14.8460, 16.6464, 24.3610

Sweetspot

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



18.0682, 16.6472, 16.7291



37.8823, 38.3559, 40.9394



19.2713, 17.0729, 25.5725



8.7240, 8.8092, 9.3885



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.0682, 16.6472, 16.7291



30.2602, 26.9865, 26.4525



19.2338, 19.2323, 16.3350



5.0519, 5.0562, 5.3616



9.6841, 4.9838, 0.8408



0.0666, 0.0340, 0.0177

Inverse Universe

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



18.0682, 16.6472, 16.7291



30.2602, 26.9865, 26.4525



17.5961, 19.2577, 26.0825



5.0519, 5.0562, 5.3616



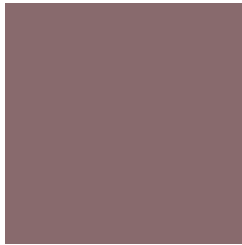
9.6841, 4.9838, 0.8408



0.0666, 0.0340, 0.0177

Previews

White Background



This preview shows how the XYZ color 18.0677, 16.6464, 16.7288 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 18.0677, 16.6464, 16.7288 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 18.0677, 16.6464, 16.7288

Background



This preview shows how black text looks on a background with the XYZ color 18.0677, 16.6464, 16.7288.



This preview shows how white text looks on a background with the XYZ color 18.0677, 16.6464,

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

18.0677, 16.6464, 16.7288

Protanopia

16.0882, 16.7155, 18.0013

Deuteranopia

17.0351, 16.7466, 16.5219



Tritanopia

18.3487, 16.6138, 17.8625

Trichromacy



Original Color

18.0677, 16.6464, 16.7288

Protanomaly

16.6689, 16.5327, 17.6418

Deuteranomaly

17.3813, 16.7658, 16.5074

Tritanomaly

18.2927, 16.5914, 17.5676

Monochromacy



Original Color

18.0677, 16.6464, 16.7288

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.9432, 16.9915, 18.0095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0677, 16.6464, 16.7288 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(136, 106, 109)` looks like.

```
.text, #text, p{  
    color:rgb(136, 106, 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(136, 106, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 106, 109) }
```

Border

The CSS property to change the border of an element to XYZ 18.0677, 16.6464, 16.7288 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(136, 106, 109) }
```


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

```
.border{ border-color:rgb(136, 106, 109) }
```

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

Here you see how a box with a 4 pixel rgb(136, 106, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 106, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 106, 109);  
box-shadow:4px 4px 4px 4px rgb(136, 106,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0677, 16.6464, 16.7288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 106, 109) }
```

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

```
.background{ background-color: rgb(136,  
106, 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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