

Converting Colors

XYZ(18.0872, 16.6360, 17.6707)

Have a look what the booklet for
XYZ(18.0872, 16.6360, 17.6707)
contains.

XYZ(18.0703, 16.6288, 17.5865)	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(18.0703, 16.6288,
17.5865)**

Conversions

Conversions Part 1

Format	Color
Hex	876A70
RGB	135, 106, 112
RGB Percent	53%, 42%, 44%
CMY	0.4706, 0.5843, 0.5608
CMYK	0.00, 0.21, 0.17, 0.47
HSL	348°, 12%, 47%
HSV	348°, 21%, 53%
XYZ	18.0703, 16.6288, 17.5865
YIQ	115.3550, 15.3580, 8.0140

Conversions

Conversions Part 2

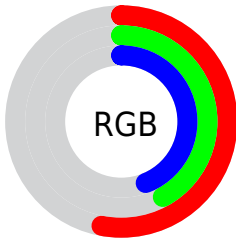
Format	Color
R_{YB}	135, 106, 112
Decimal	8874608
CIE _{Lab}	47.79, 12.55, 1.06
CIE _{LCh}	48, 12.598, 4.836
Yxy	16.6288, 0.3456, 0.3180
Android (android.graphics.Color)	4287064688 (0xFF876A70)
YUV	115.3550, -1.6540, 17.2287
Hunter-Lab	40.7784, 7.7371, 2.9749

Details

The XYZ color **18.0703, 16.6288, 17.5865** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.5709, 21.9774, 24.0332**, and the grayscale version is **16.4055, 17.2598, 18.7960**.

A 20% lighter version of the original color is **39.7441, 37.6131, 40.2873**, and **6.2357, 5.4294, 5.5698** is the 20% darker color. If you saturate the color by 10%, you get **16.2260, 13.8381, 14.2031**, and if you desaturate by 10%, it is **20.2055, 19.8875, 21.4171**.

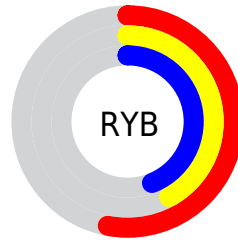
Distribution



Red (53%)

Green (42%)

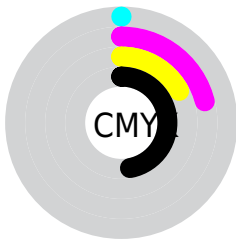
Blue (44%)



Red (53%)

Yellow (42%)

Blue (44%)

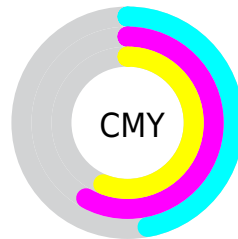


Cyan (0%)

Magenta (21%)

Yellow (17%)

Black (47%)



Cyan (47%)

Magenta (58%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0703, 16.6288, 17.5865 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 18.0703, 16.6288, 17.5865 by changing the saturation by 10% instead.

■ 18.0703, 16.6288,
17.5865

■ 18.0703, 16.6288,
17.5865

234.3049,
233.0241, 250.6873

■ 11.1005, 9.9702,
10.4872

■ 39.6862, 37.6864,
40.1358

■ 6.2022, 5.3792,
5.6133

■ 55.0630, 52.8543,
56.4229

■ 3.0103, 2.4714,
2.5465

■ 73.9728, 71.6273,
76.6097

■ 1.1592, 0.8623,
0.8646

■ 96.7811, 94.3899,
101.1146

■ 0.0738, 0.0000,
0.0000

123.8530,
121.5265, 130.3563

■ 0.0000, 0.0000,
0.0000

155.5541,

153.4214, 164.7533

192.2496,
190.4592, 204.7241

■ 18.0703, 16.6288,
17.5865

■ 18.0703, 16.6288,
17.5865

■ 16.2260, 13.8381,
14.2031

■ 20.2055, 19.8875,
21.4171

■ 14.6584, 11.4916,
11.2495

■ 22.6422, 23.6319,
25.7095

■ 13.3545, 9.5669,
8.7084

■ 25.3919, 27.8817,
30.4788

■ 12.2993, 8.0390,
6.5613

■ 28.4654, 32.6547,
35.7392

■ 11.4765, 6.8798,
4.7879

■ 31.8728, 37.9678,
41.5042

■ 10.8678, 6.0577,
3.3662

■ 35.6238, 43.8375,
47.7869

■ 10.4519, 5.5358,
2.2717

■ 39.7277, 50.2791,
54.5998

■ 10.2004, 5.2344,
1.5664

■ 44.1934, 57.3076,
61.9550

■ 49.0297, 64.9373,
69.8643

Harmonies

Analogous

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



17.8542, 16.6288, 20.8826



18.0703, 16.6288, 17.5865



17.6563, 16.6288, 14.7793

Triad

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



18.0703, 16.6288, 17.5865



14.5964, 16.6288, 13.4641



14.8993, 16.6288, 24.3414

Complementary

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



18.0703, 16.6288, 17.5865



18.5709, 21.9774, 24.0332

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.



14.0882, 16.6288, 21.8977



18.0703, 16.6288, 17.5865



13.9193, 16.6288, 15.5870

Square

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



18.0703, 16.6288, 17.5865



15.6227, 16.6288, 12.5869



13.7377, 16.6288, 18.6355



15.9890, 16.6288, 25.0403

Rectangle

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



18.0703, 16.6288, 17.5865



17.0897, 16.6288, 13.4809



13.7377, 16.6288, 18.6355



14.5867, 16.6288, 23.6836

Sweetspot

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



18.0708, 16.6296, 17.5868



38.4478, 39.0879, 42.3576



18.5380, 16.7031, 25.1687



8.8491, 8.9679, 9.7127



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.



18.0708, 16.6296, 17.5868



30.6118, 27.1272, 28.3042



18.6355, 18.2757, 16.1820



4.7091, 4.7033, 5.0803



9.4102, 4.8284, 1.4667



0.0348, 0.0176, 0.0167

Inverse Universe

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



18.0708, 16.6296, 17.5868



30.6118, 27.1272, 28.3042



17.8790, 19.9368, 25.8276



4.7091, 4.7033, 5.0803



9.4102, 4.8284, 1.4667



0.0348, 0.0176, 0.0167

Previews

White Background



This preview shows how the XYZ color 18.0703, 16.6288, 17.5865 looks on a white background.

Color Contrast Check

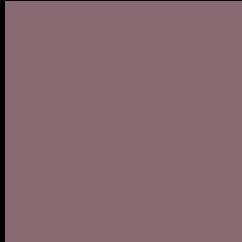
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0703, 16.6288, 17.5865 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 18.0703, 16.6288, 17.5865

Background



This preview shows how black text looks on a background with the XYZ color 18.0703, 16.6288, 17.5865.



This preview shows how white text looks on a background with the XYZ color 18.0703, 16.6288,

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

18.0703, 16.6288, 17.5865

Protanopia

16.1277, 16.7160, 18.8995

Deuteranopia

16.9026, 16.6595, 17.3637



Tritanopia

18.1830, 16.6739, 18.1796

Trichromacy



Original Color

18.0703, 16.6288, 17.5865

Protanomaly

16.6965, 16.5272, 18.5297

Deuteranomaly

17.3911, 16.7521, 17.3558

Tritanomaly

18.1263, 16.6512, 17.8814

Monochromacy



Original Color

18.0703, 16.6288, 17.5865

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.8575, 16.9408, 18.3010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0703, 16.6288, 17.5865 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(135, 106, 112)` looks like.

```
.text, #text, p{  
    color:rgb(135, 106, 112)  
}
```

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(135, 106, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 106, 112) }
```

Border

The CSS property to change the border of an element to XYZ 18.0703, 16.6288, 17.5865 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(135, 106, 112) }
```


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

```
.border{ border-color:rgb(135, 106, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 106, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 106, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 106, 112);  
box-shadow:4px 4px 4px 4px rgb(135, 106,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0703, 16.6288, 17.5865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 106, 112) }
```

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

```
.background{ background-color: rgb(135,  
106, 112) }
```

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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