

Converting Colors

XYZ(18.1699, 16.7178, 18.3942)

Have a look what the booklet for
XYZ(18.1699, 16.7178, 18.3942)
contains.

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Color

**XYZ(18.0801, 16.6142,
18.4736)**

Conversions

Conversions Part 1

Format	Color
Hex	866A73
RGB	134, 106, 115
RGB Percent	53%, 42%, 45%
CMY	0.4745, 0.5843, 0.5490
CMYK	0.00, 0.21, 0.14, 0.47
HSL	341°, 12%, 47%
HSV	341°, 21%, 53%
XYZ	18.0801, 16.6142, 18.4736
YIQ	115.3980, 13.7990, 8.7350

Conversions

Conversions Part 2

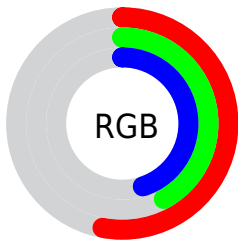
Format	Color
RYB	134, 106, 115
Decimal	8809075
CIELab	47.77, 12.69, -0.77
CIELCh	48, 12.709, 356.519
Yxy	16.6142, 0.3401, 0.3125
Android (android.graphics.Color)	4286999155 (0xFF866A73)
YUV	115.3980, -0.1962, 16.3140
Hunter-Lab	40.7605, 7.8461, 1.6608

Details

The XYZ color **18.0801, 16.6142, 18.4736** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.1713, 21.5955, 22.6137**, and the grayscale version is **16.4146, 17.2695, 18.8064**.

A 20% lighter version of the original color is **39.7711, 37.5953, 41.7197**, and **6.2332, 5.4180, 6.0274** is the 20% darker color. If you saturate the color by 10%, you get **16.3079, 13.8663, 15.4273**, and if you desaturate by 10%, it is **20.1206, 19.8159, 21.8645**.

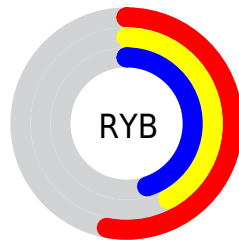
Distribution



Red (53%)

Green (42%)

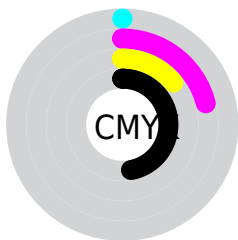
Blue (45%)



Red (53%)

Yellow (42%)

Blue (45%)

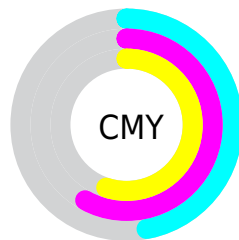


Cyan (0%)

Magenta (21%)

Yellow (14%)

Black (47%)



Cyan (47%)

Magenta (58%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0801, 16.6142, 18.4736 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 18.0801, 16.6142, 18.4736 by changing the saturation by 10% instead.

18.0801, 16.6142,
18.4736

18.0801, 16.6142,
18.4736

234.3590,
232.9392, 255.8523

11.1075, 9.9598,
11.1176

39.7028, 37.6613,
41.6675

6.2070, 5.3723,
6.0308

55.0836, 52.8227,
58.3424

3.0132, 2.4673,
2.7947

73.9979, 71.5886,
78.9608

1.1608, 0.8602,
0.9908

96.8111, 94.3434,
103.9410

0.0751, 0.0000,
0.0000

123.8884,
121.4715, 133.7018

0.0000, 0.0000,
0.0000

155.5952,

153.3572, 168.6615

192.2970,
190.3850, 209.2389

■ 18.0801, 16.6142,
18.4736

■ 18.0801, 16.6142,
18.4736

■ 16.3079, 13.8663,
15.4273

■ 20.1206, 19.8159,
21.8645

■ 14.7913, 11.5493,
12.7133

■ 22.4389, 23.4883,
25.6096

■ 13.5182, 9.6418,
10.3203

■ 25.0456, 27.6504,
29.7193

■ 12.4754, 8.1196,
8.2357

■ 27.9503, 32.3193,
34.2035

■ 11.6480, 6.9559,
6.4460

■ 31.1622, 37.5114,
39.0714

■ 11.0196, 6.1206,
4.9366

■ 34.6901, 43.2423,
44.3321

■ 10.5708, 5.5784,
3.6916

■ 38.5425, 49.5269,
49.9943

■ 10.2689, 5.2433,
2.7625

■ 42.7274, 56.3796,
56.0664

■ 47.2527, 63.8142,
62.5566

Harmonies

Analogous

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



17.6896, 16.6142, 21.7760



18.0801, 16.6142, 18.4736



17.8334, 16.6142, 15.4312

Triad

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



18.0801, 16.6142, 18.4736



14.8334, 16.6142, 13.0375



14.6135, 16.6142, 23.8429

Complementary

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



18.0801, 16.6142, 18.4736



18.1713, 21.5955, 22.6137

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.



13.9113, 16.6142, 21.0380



18.0801, 16.6142, 18.4736



14.0339, 16.6142, 14.8454

Square

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



18.0801, 16.6142, 18.4736



15.9247, 16.6142, 12.5232



13.7043, 16.6142, 17.7118



15.6587, 16.6142, 25.1018

Rectangle

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



18.0801, 16.6142, 18.4736



17.3470, 16.6142, 13.9093



13.7043, 16.6142, 17.7118



14.3315, 16.6142, 23.0343

Sweetspot

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



18.0806, 16.6149, 18.4739



37.3328, 37.8885, 41.5855



17.8666, 16.3650, 24.7717



8.3628, 8.4601, 9.2913



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.



18.0806, 16.6149, 18.4739



30.3441, 26.9215, 29.9752



18.0818, 17.4060, 16.0432



4.7297, 4.7116, 5.1889



9.6278, 4.9155, 2.6126



0.0364, 0.0183, 0.0251

Inverse Universe

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



18.0806, 16.6149, 18.4739



30.3441, 26.9215, 29.9752



18.1418, 20.5744, 25.5697



4.7297, 4.7116, 5.1889



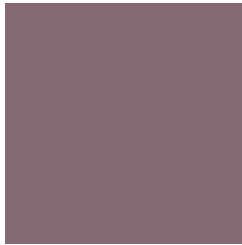
9.6278, 4.9155, 2.6126



0.0364, 0.0183, 0.0251

Previews

White Background



This preview shows how the XYZ color 18.0801, 16.6142, 18.4736 looks on a white background.

Color Contrast Check

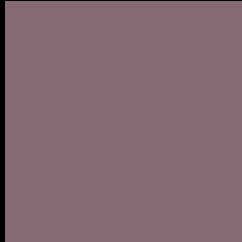
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0801, 16.6142, 18.4736 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 18.0801, 16.6142, 18.4736

Background



This preview shows how black text looks on a background with the XYZ color 18.0801, 16.6142, 18.4736.



This preview shows how white text looks on a background with the XYZ color 18.0801, 16.6142,

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

18.0801, 16.6142, 18.4736

Protanopia

16.1743, 16.7196, 19.8275

Deuteranopia

16.9254, 16.6519, 18.2417



Tritanopia

18.0228, 16.5913, 18.1721

Trichromacy



Original Color

18.0801, 16.6142, 18.4736

Protanomaly

16.7311, 16.5248, 19.4473

Deuteranomaly

17.4080, 16.7414, 18.2335

Tritanomaly

18.0228, 16.5913, 18.1721

Monochromacy



Original Color

18.0801, 16.6142, 18.4736

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.9147, 16.9637, 18.6025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0801, 16.6142, 18.4736 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(134, 106, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 106, 115) }
```

Border

The CSS property to change the border of an element to XYZ 18.0801, 16.6142, 18.4736 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, 115) }
```


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

```
.border{ border-color:rgb(134, 106, 115) }
```

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, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 106, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 106, 115);  
box-shadow:4px 4px 4px 4px rgb(134, 106,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0801, 16.6142, 18.4736 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, 115) }
```

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

```
.background{ background-color: rgb(134,  
106, 115) }
```

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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