

Converting Colors

XYZ(18.4018, 16.9272, 18.8204)

Have a look what the booklet for
XYZ(18.4018, 16.9272, 18.8204)
contains.

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Color

**XYZ(18.4018, 16.9272,
18.8204)**

Conversions

Conversions Part 1

Format	Color
Hex	876B74
RGB	135, 107, 116
RGB Percent	53%, 42%, 45%
CMY	0.4706, 0.5804, 0.5451
CMYK	0.00, 0.21, 0.14, 0.47
HSL	341°, 12%, 47%
HSV	341°, 21%, 53%
XYZ	18.4018, 16.9272, 18.8204
YIQ	116.3980, 13.7990, 8.7350

Conversions

Conversions Part 2

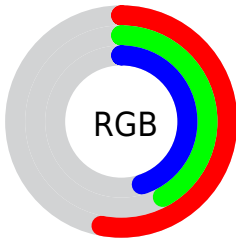
Format	Color
R_{YB}	135, 107, 116
Decimal	8874868
CIE Lab	48.17, 12.67, -0.77
CIE LCh	48, 12.689, 356.503
Yxy	16.9272, 0.3398, 0.3126
Android (android.graphics.Color)	4287064948 (0xFF876B74)
YUV	116.3980, -0.1962, 16.3140
Hunter-Lab	41.1427, 7.8376, 1.6781

Details

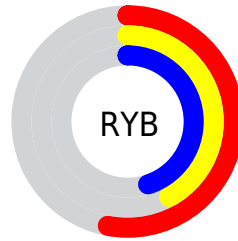
The XYZ color **18.4018, 16.9272, 18.8204** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.4940, 21.9607, 23.0039**, and the grayscale version is **16.7206, 17.5914, 19.1571**.

A 20% lighter version of the original color is **40.2810, 38.0997, 42.2767**, and **6.3537, 5.4766, 6.1911** is the 20% darker color. If you saturate the color by 10%, you get **16.5959, 14.1264, 15.7176**, and if you desaturate by 10%, it is **20.4810, 20.1901, 22.2741**.

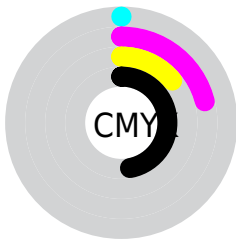
Distribution



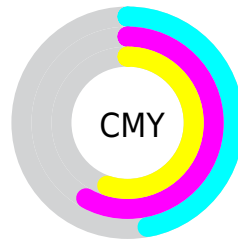
- Red (53%)
- Green (42%)
- Blue (45%)



- 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 18.4018, 16.9272, 18.8204 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 18.4018, 16.9272, 18.8204 by changing the saturation by 10% instead.

■ 18.4018, 16.9272,
18.8204

■ 18.4018, 16.9272,
18.8204

236.1282,
234.7525, 257.8451

■ 11.3403, 10.1826,
11.3651

■ 40.2455, 38.2006,
42.2630

■ 6.3652, 5.5202,
6.1957

■ 55.7585, 53.4981,
59.0875

■ 3.1111, 2.5556,
2.8937

■ 74.8192, 72.4154,
79.8720

■ 1.2128, 0.9044,
1.0406

■ 97.7932, 95.3369,
105.0351

■ 0.1164, 0.0000,
0.0000

125.0457,
122.6470, 134.9955

■ 0.0000, 0.0000,
0.0000

156.9422,

154.7300, 170.1716

193.8479,
191.9704, 210.9819

■ 18.4018, 16.9272,
18.8204

■ 18.4018, 16.9272,
18.8204

■ 16.5959, 14.1264,
15.7176

■ 20.4810, 20.1901,
22.2741

■ 15.0501, 11.7645,
12.9532

■ 22.8431, 23.9323,
26.0883

■ 13.7525, 9.8196,
10.5156

■ 25.4988, 28.1732,
30.2739

■ 12.6893, 8.2671,
8.3919

■ 28.4579, 32.9302,
34.8406

■ 11.8456, 7.0799,
6.5686

■ 31.7299, 38.2198,
39.7980

■ 11.2044, 6.2271,
5.0308

■ 35.3237, 44.0581,
45.1554

■ 10.7464, 5.6730,
3.7621

■ 39.2477, 50.4602,
50.9215

■ 10.4350, 5.3282,
2.8012

■ 43.5104, 57.4407,
57.1050

■ 48.1197, 65.0137,
63.7141

Harmonies

Analogous

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



18.0069, 16.9272, 22.1571



18.4018, 16.9272, 18.8204



18.1529, 16.9272, 15.7432

Triad

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



18.4018, 16.9272, 18.8204



15.1207, 16.9272, 13.3181



14.8974, 16.9272, 24.2413

Complementary

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



18.4018, 16.9272, 18.8204



18.4940, 21.9607, 23.0039

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.



14.1874, 16.9272, 21.4081



18.4018, 16.9272, 18.8204



14.3120, 16.9272, 15.1477

Square

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



18.4018, 16.9272, 18.8204



16.2242, 16.9272, 12.7979



13.9782, 16.9272, 18.0467



15.9541, 16.9272, 25.5131

Rectangle

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



18.4018, 16.9272, 18.8204



17.6616, 16.9272, 14.2026



13.9782, 16.9272, 18.0467



14.6122, 16.9272, 23.4246

Sweetspot

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



18.4023, 16.9280, 18.8208



38.5607, 39.1331, 42.9518



18.1866, 16.6758, 25.1823



8.8774, 8.9792, 9.8617



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.



18.4023, 16.9280, 18.8208



31.3354, 27.7950, 30.9479



18.4036, 17.7281, 16.3626



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.



18.4023, 16.9280, 18.8208



31.3354, 27.7950, 30.9479



18.4642, 20.9297, 25.9887



4.7297, 4.7116, 5.1889



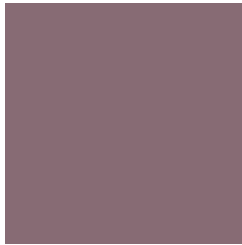
9.6278, 4.9155, 2.6126



0.0364, 0.0183, 0.0251

Previews

White Background



This preview shows how the XYZ color 18.4018, 16.9272, 18.8204 looks on a white background.

Color Contrast Check

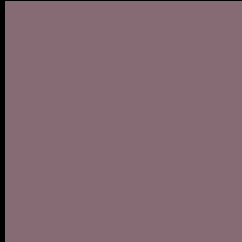
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4018, 16.9272, 18.8204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

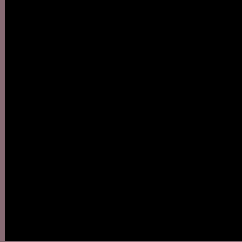
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.4018, 16.9272, 18.8204

Background



This preview shows how black text looks on a background with the XYZ color 18.4018, 16.9272, 18.8204.



This preview shows how white text looks on a background with the XYZ color 18.4018, 16.9272,

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

18.4018, 16.9272, 18.8204

Protanopia

16.4777, 17.0355, 20.1890

Deuteranopia

17.2364, 16.9667, 18.5861



Tritanopia

18.3439, 16.9041, 18.5156

Trichromacy



Original Color

18.4018, 16.9272, 18.8204

Protanomaly

17.0403, 16.8384, 19.8048

Deuteranomaly

17.7237, 17.0568, 18.5778

Tritanomaly

18.3439, 16.9041, 18.5156

Monochromacy



Original Color

18.4018, 16.9272, 18.8204

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.2259, 17.2822, 18.9509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4018, 16.9272, 18.8204 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, 107, 116)` looks like.

```
.text, #text, p{  
    color:rgb(135, 107, 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(135, 107, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 107, 116) }
```

Border

The CSS property to change the border of an element to XYZ 18.4018, 16.9272, 18.8204 is called "border". The border property can be set on classes, ids or directly on the HTML element.

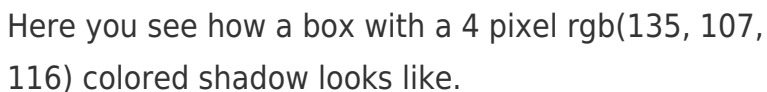
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 107, 116) }
```


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

```
.border{ border-color:rgb(135, 107, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 107, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 107, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 107, 116); box-shadow:4px 4px 4px 4px rgb(135, 107, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4018, 16.9272, 18.8204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 107, 116) }
```

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

```
.background{ background-color: rgb(135,  
107, 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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