

Converting Colors

XYZ(18.4385, 16.6369, 18.5408)

Have a look what the booklet for
XYZ(18.4385, 16.6369, 18.5408)
contains.

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Color

**XYZ(18.4626, 16.6593,
18.4621)**

Conversions

Conversions Part 1

Format	Color
Hex	896973
RGB	137, 105, 115
RGB Percent	54%, 41%, 45%
CMY	0.4627, 0.5882, 0.5490
CMYK	0.00, 0.23, 0.16, 0.46
HSL	341°, 13%, 47%
HSV	341°, 23%, 54%
XYZ	18.4626, 16.6593, 18.4621
YIQ	115.7080, 15.8620, 9.8940

Conversions

Conversions Part 2

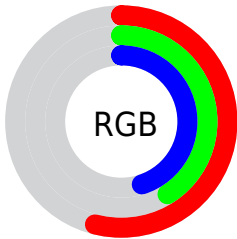
Format	Color
R_{YB}	137, 105, 115
Decimal	9005427
CIE Lab	47.83, 14.45, -0.65
CIE LCh	48, 14.465, 357.427
Yxy	16.6593, 0.3446, 0.3109
Android (android.graphics.Color)	4287195507 (0xFF896973)
YUV	115.7080, -0.3490, 18.6731
Hunter-Lab	40.8158, 9.3149, 1.7526

Details

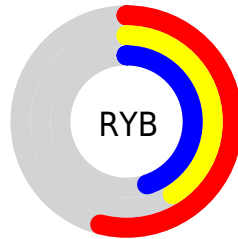
The XYZ color **18.4626, 16.6593, 18.4621** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.6028, 22.4273, 23.4282**, and the grayscale version is **16.5091, 17.3689, 18.9147**.

A 20% lighter version of the original color is **40.3494, 37.6433, 41.6985**, and **6.4567, 5.4576, 6.0233** is the 20% darker color. If you saturate the color by 10%, you get **16.6635, 13.8844, 15.3234**, and if you desaturate by 10%, it is **20.5429, 19.9075, 21.9682**.

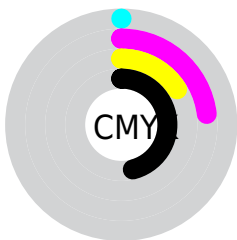
Distribution



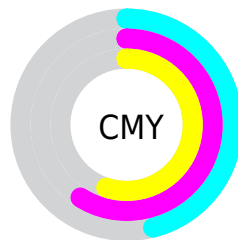
- Red (54%)
- Green (41%)
- Blue (45%)



- Red (54%)
- Yellow (41%)
- Blue (45%)



- Cyan (0%)
- Magenta (23%)
- Yellow (16%)
- Black (46%)



- Cyan (46%)
- Magenta (59%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4626, 16.6593, 18.4621 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 18.4626, 16.6593, 18.4621 by changing the saturation by 10% instead.

■ 18.4626, 16.6593,
18.4621

■ 18.4626, 16.6593,
18.4621

236.4612,
233.2013, 255.7859

■ 11.3843, 9.9919,
11.1094

■ 40.3480, 37.7391,
41.6477

■ 6.3951, 5.3936,
6.0254

■ 55.8857, 52.9202,
58.3177

■ 3.1297, 2.4800,
2.7915

■ 74.9741, 71.7080,
78.9305

■ 1.2227, 0.8666,
0.9892

■ 97.9783, 94.4869,
103.9046

■ 0.1242, 0.0000,
0.0000

125.2637,
121.6413, 133.6587

■ 0.0000, 0.0000,
0.0000

157.1958,

153.5556, 168.6113

194.1398,
190.6141, 209.1808

■ 18.4626, 16.6593,
18.4621

■ 18.4626, 16.6593,
18.4621

■ 16.6635, 13.8844,
15.3234

■ 20.5429, 19.9075,
21.9682

■ 15.1317, 11.5585,
12.5388

■ 22.9146, 23.6473,
25.8524

■ 13.8543, 9.6582,
10.0957

■ 25.5891, 27.8991,
30.1261

■ 12.8169, 8.1574,
7.9800

■ 28.5767, 32.6813,
34.8001

■ 12.0032, 7.0270,
6.1770

■ 31.8873, 38.0112,
39.8846

■ 11.3952, 6.2338,
4.6704

■ 35.5303, 43.9056,
45.3894

■ 10.9711, 5.7383,
3.4421

■ 39.5149, 50.3804,
51.3242

■ 10.7491, 5.4914,
2.7602

■ 43.8496, 57.4510,
57.6981

■ 48.5429, 65.1322,
64.5201

Harmonies

Analogous

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



18.0336, 16.6593, 22.2690



18.4626, 16.6593, 18.4621



18.1561, 16.6593, 15.0398

Triad

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



18.4626, 16.6593, 18.4621



14.7113, 16.6593, 12.5022



14.5272, 16.6593, 24.8594

Complementary

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



18.4626, 16.6593, 18.4621



18.6028, 22.4273, 23.4282

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.



13.7192, 16.6593, 21.6375



18.4626, 16.6593, 18.4621



13.8213, 16.6593, 14.5543

Square

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



18.4626, 16.6593, 18.4621



15.9465, 16.6593, 11.8907



13.4678, 16.6593, 17.8200



15.7223, 16.6593, 26.2643

Rectangle

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



18.4626, 16.6593, 18.4621



17.5847, 16.6593, 13.3650



13.4678, 16.6593, 17.8200



14.2039, 16.6593, 23.9331

Sweetspot

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



18.4631, 16.6601, 18.4624



39.3593, 39.6973, 43.5730



18.3001, 16.4119, 25.8704



8.7831, 8.8329, 9.6997



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.



18.4631, 16.6601, 18.4624



31.3067, 27.1164, 30.0240



18.5368, 17.6788, 15.8009



5.0931, 5.0727, 5.5785



10.0176, 5.1172, 2.5971



0.0726, 0.0364, 0.0490

Inverse Universe

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



18.4631, 16.6601, 18.4624



31.3067, 27.1164, 30.0240



18.4758, 21.0783, 26.7618



5.0931, 5.0727, 5.5785



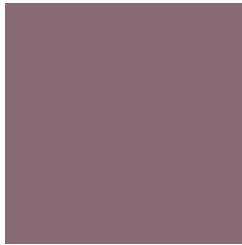
10.0176, 5.1172, 2.5971



0.0726, 0.0364, 0.0490

Previews

White Background



This preview shows how the XYZ color 18.4626, 16.6593, 18.4621 looks on a white background.

Color Contrast Check

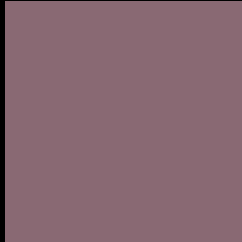
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4626, 16.6593, 18.4621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

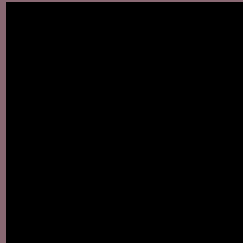
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.4626, 16.6593, 18.4621

Background



This preview shows how black text looks on a background with the XYZ color 18.4626, 16.6593, 18.4621.



This preview shows how white text looks on a background with the XYZ color 18.4626, 16.6593,

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

18.4626, 16.6593, 18.4621

Protanopia

16.2347, 16.7437, 20.1455

Deuteranopia

16.9254, 16.6519, 18.2417



Tritanopia

18.3487, 16.6138, 17.8625

Trichromacy



Original Color

18.4626, 16.6593, 18.4621

Protanomaly

16.8720, 16.5974, 19.4539

Deuteranomaly

17.4531, 16.6072, 18.2052

Tritanomaly

18.4054, 16.6364, 18.1607

Monochromacy



Original Color

18.4626, 16.6593, 18.4621

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.2587, 17.1344, 18.9206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4626, 16.6593, 18.4621 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(137, 105, 115)` looks like.

```
.text, #text, p{  
    color:rgb(137, 105, 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(137, 105, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 105, 115) }
```

Border

The CSS property to change the border of an element to XYZ 18.4626, 16.6593, 18.4621 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(137, 105, 115) }
```


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

```
.border{ border-color:rgb(137, 105, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 105, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 105, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 105, 115);  
box-shadow:4px 4px 4px 4px rgb(137, 105,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4626, 16.6593, 18.4621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 105, 115) }
```

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

```
.background{ background-color: rgb(137,  
105, 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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