

Converting Colors

XYZ(18.5708, 16.4666, 19.5571)

Have a look what the booklet for
XYZ(18.5708, 16.4666, 19.5571)
contains.

XYZ(18.5966, 16.5509, 19.6673)	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(18.5966, 16.5509,
19.6673)**

Conversions

Conversions Part 1

Format	Color
Hex	896877
RGB	137, 104, 119
RGB Percent	54%, 41%, 47%
CMY	0.4627, 0.5921, 0.5333
CMYK	0.00, 0.24, 0.13, 0.46
HSL	333°, 14%, 47%
HSV	333°, 24%, 54%
XYZ	18.5966, 16.5509, 19.6673
YIQ	115.5770, 14.8530, 11.6610

Conversions

Conversions Part 2

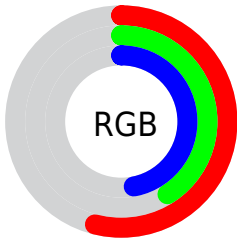
Format	Color
R_{YB}	137, 104, 119
Decimal	9005175
CIE _{Lab}	47.69, 15.75, -3.25
CIE _{LCh}	48, 16.079, 348.351
Yxy	16.5509, 0.3393, 0.3019
Android (android.graphics.Color)	4287195255 (0xFF896877)
YUV	115.5770, 1.6875, 18.7880
Hunter-Lab	40.6828, 10.3996, -0.1846

Details

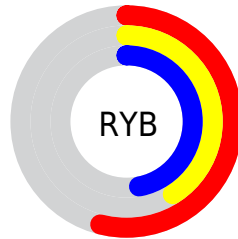
The XYZ color **18.5966, 16.5509, 19.6673** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.1681, 22.2399, 21.7485**, and the grayscale version is **16.4634, 17.3207, 18.8623**.

A 20% lighter version of the original color is **40.5579, 37.4593, 43.6208**, and **6.5309, 5.4074, 6.6608** is the 20% darker color. If you saturate the color by 10%, you get **16.8968, 13.8414, 16.9728**, and if you desaturate by 10%, it is **20.5567, 19.7242, 22.6231**.

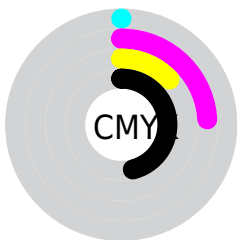
Distribution



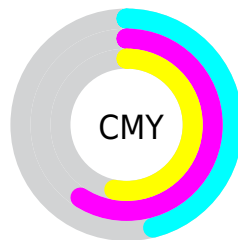
- Red (54%)
- Green (41%)
- Blue (47%)



- Red (54%)
- Yellow (41%)
- Blue (47%)



- Cyan (0%)
- Magenta (24%)
- Yellow (13%)
- Black (46%)



- Cyan (46%)
- Magenta (59%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5966, 16.5509, 19.6673 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 18.5966, 16.5509, 19.6673 by changing the saturation by 10% instead.

■ 18.5966, 16.5509,
19.6673

■ 18.5966, 16.5509,
19.6673

237.1937,
232.5709, 262.6527

■ 11.4814, 9.9148,
11.9718

■ 40.5735, 37.5520,
43.7103

■ 6.4613, 5.3425,
6.6021

■ 56.1659, 52.6858,
60.8948

■ 3.1709, 2.4496,
3.1399

■ 75.3148, 71.4209,
82.0794

■ 1.2448, 0.8512,
1.1665

■ 98.3855, 94.1418,
107.6827

■ 0.1413, 0.0000,
0.0000

125.7434,
121.2329, 138.1231

■ 0.0000, 0.0000,
0.0000

157.7539,

153.0785, 173.8192

194.7822,
190.0630, 215.1895

■ 18.5966, 16.5509,
19.6673

■ 18.5966, 16.5509,
19.6673

■ 16.8968, 13.8414,
16.9728

■ 20.5567, 19.7242,
22.6231

■ 15.4443, 11.5714,
14.5307

■ 22.7866, 23.3794,
25.8467

■ 14.2269, 9.7180,
12.3330

■ 25.2969, 27.5365,
29.3455

■ 13.2311, 8.2551,
10.3710

■ 28.0973, 32.2137,
33.1263

■ 12.4417, 7.1539,
8.6350

■ 31.1970, 37.4283,
37.1958

■ 11.8412, 6.3813,
7.1147

■ 34.6049, 43.1967,
41.5603

■ 11.4083, 5.8958,
5.7980

■ 38.3292, 49.5346,
46.2259

■ 11.1935, 5.6691,
5.1004

■ 42.3781, 56.4572,
51.1986

■ 46.7594, 63.9791,
56.4842

Harmonies

Analogous

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



17.8883, 16.5509, 23.8106



18.5966, 16.5509, 19.6673



18.5033, 16.5509, 15.6419

Triad

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



18.5966, 16.5509, 19.6673



14.8768, 16.5509, 11.5033



13.9647, 16.5509, 24.6072

Complementary

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



18.5966, 16.5509, 19.6673



18.1681, 22.2399, 21.7485

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.



13.2507, 16.5509, 20.6301



18.5966, 16.5509, 19.6673



13.7548, 16.5509, 13.2555

Square

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



18.5966, 16.5509, 19.6673



16.2959, 16.5509, 11.3266



13.1763, 16.5509, 16.4695



15.1796, 16.5509, 26.9394

Rectangle

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



18.5966, 16.5509, 19.6673



17.9999, 16.5509, 13.5420



13.1763, 16.5509, 16.4695



13.6615, 16.5509, 23.3927

Sweetspot

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



18.5971, 16.5516, 19.6676



39.5283, 39.7649, 44.4629



17.4358, 15.8160, 25.8009



8.8233, 8.8490, 9.9115



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.



18.5971, 16.5516, 19.6676



31.5564, 26.8451, 32.4836



17.8776, 16.4422, 15.3290



5.1212, 5.0839, 5.7267



10.4325, 5.2831, 4.7821



0.0765, 0.0380, 0.0699

Inverse Universe

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



18.5971, 16.5516, 19.6676



31.5564, 26.8451, 32.4836



19.0149, 22.3297, 26.9749



5.1212, 5.0839, 5.7267



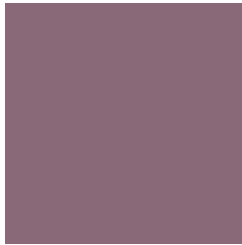
10.4325, 5.2831, 4.7821



0.0765, 0.0380, 0.0699

Previews

White Background



This preview shows how the XYZ color 18.5966, 16.5509, 19.6673 looks on a white background.

Color Contrast Check

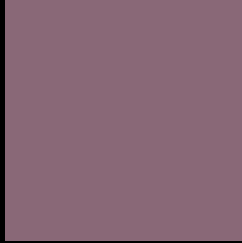
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.5966, 16.5509, 19.6673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

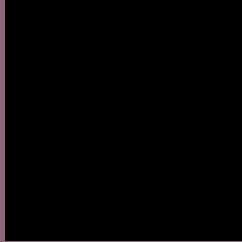
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.5966, 16.5509, 19.6673

Background



This preview shows how black text looks on a background with the XYZ color 18.5966, 16.5509, 19.6673.



This preview shows how white text looks on a background with the XYZ color 18.5966, 16.5509,

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

18.5966, 16.5509, 19.6673

Protanopia

16.2253, 16.7102, 21.4390

Deuteranopia

16.8720, 16.5974, 19.4539



Tritanopia

18.1856, 16.5296, 17.8548

Trichromacy



Original Color

18.5966, 16.5509, 19.6673

Protanomaly

16.9739, 16.6219, 20.7261

Deuteranomaly

17.3850, 16.5452, 19.4168

Tritanomaly

18.2994, 16.5752, 18.4545

Monochromacy



Original Color

18.5966, 16.5509, 19.6673

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.3172, 17.1578, 19.2287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5966, 16.5509, 19.6673 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, 104, 119)` looks like.

```
.text, #text, p{  
    color:rgb(137, 104, 119)  
}
```

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, 104, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 104, 119) }
```

Border

The CSS property to change the border of an element to XYZ 18.5966, 16.5509, 19.6673 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, 104, 119) }
```


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

```
.border{ border-color:rgb(137, 104, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 104, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 104, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 104, 119); box-shadow:4px 4px 4px 4px rgb(137, 104, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5966, 16.5509, 19.6673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 104, 119) }
```

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

```
.background{ background-color: rgb(137,  
104, 119) }
```

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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