

Converting Colors

XYZ(18.3727, 16.9172, 18.6624)

Have a look what the booklet for
XYZ(18.3727, 16.9172, 18.6624)
contains.

XYZ(18.3439, 16.9041, 18.5156)	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(18.3439, 16.9041,
18.5156)**

Conversions

Conversions Part 1

Format	Color
Hex	876B73
RGB	135, 107, 115
RGB Percent	53%, 42%, 45%
CMY	0.4706, 0.5804, 0.5490
CMYK	0.00, 0.21, 0.15, 0.47
HSL	343°, 12%, 47%
HSV	343°, 21%, 53%
XYZ	18.3439, 16.9041, 18.5156
YIQ	116.2840, 14.1200, 8.4240

Conversions

Conversions Part 2

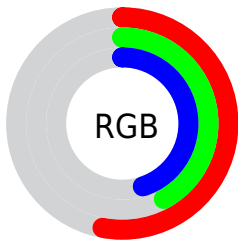
Format	Color
R_{YB}	135, 107, 115
Decimal	8874867
CIE Lab	48.14, 12.49, -0.22
CIE LCh	48, 12.490, 358.992
Yxy	16.9041, 0.3412, 0.3144
Android (android.graphics.Color)	4287064947 (0xFF876B73)
YUV	116.2840, -0.6330, 16.4139
Hunter-Lab	41.1146, 7.6899, 2.0795

Details

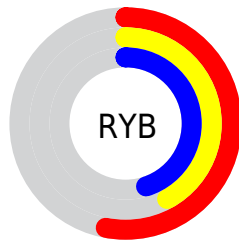
The XYZ color **18.3439, 16.9041, 18.5156** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.5589, 21.9865, 23.3455**, and the grayscale version is **16.6869, 17.5559, 19.1183**.

A 20% lighter version of the original color is **40.1882, 38.0626, 41.7879**, and **6.3753, 5.5683, 6.0490** is the 20% darker color. If you saturate the color by 10%, you get **16.5186, 14.0956, 15.3110**, and if you desaturate by 10%, it is **20.4480, 20.1769, 22.1000**.

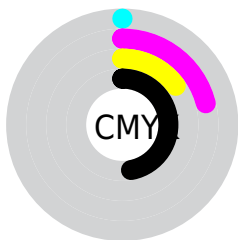
Distribution



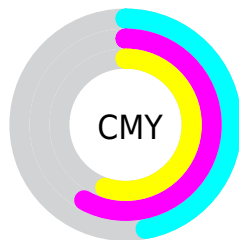
- Red (53%)
- Green (42%)
- Blue (45%)



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



- Cyan (0%)
- Magenta (21%)
- Yellow (15%)
- Black (47%)



- Cyan (47%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3439, 16.9041, 18.5156 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 18.3439, 16.9041, 18.5156 by changing the saturation by 10% instead.

■ 18.3439, 16.9041,
18.5156

■ 18.3439, 16.9041,
18.5156

235.8106,
234.6191, 256.0944

■ 11.2984, 10.1661,
11.1475

■ 40.1480, 38.1608,
41.7397

■ 6.3367, 5.5093,
6.0507

■ 55.6372, 53.4484,
58.4328

■ 3.0934, 2.5490,
2.8067

■ 74.6717, 72.3546,
79.0713

■ 1.2034, 0.9011,
0.9968

■ 97.6168, 95.2638,
104.0738

■ 0.1090, 0.0000,
0.0000

124.8379,
122.5605, 133.8589

■ 0.0000, 0.0000,
0.0000

156.7003,

154.6290, 168.8449

193.5695,
191.8538, 209.4506

■ 18.3439, 16.9041,
18.5156

■ 18.3439, 16.9041,
18.5156

■ 16.5186, 14.0956,
15.3110

■ 20.4480, 20.1769,
22.1000

■ 14.9588, 11.7280,
12.4725

■ 22.8406, 23.9314,
26.0752

■ 13.6520, 9.7794,
9.9868

■ 25.5328, 28.1869,
30.4533

■ 12.5844, 8.2252,
7.8396

■ 28.5348, 32.9610,
35.2452

■ 11.7405, 7.0379,
6.0155

■ 31.8559, 38.2703,
40.4616

■ 11.1032, 6.1867,
4.4978

■ 35.5055, 44.1309,
46.1129

■ 10.6525, 5.6355,
3.2681

■ 39.4921, 50.5580,
52.2087

■ 10.3508, 5.2946,
2.3580

■ 43.8244, 57.5663,
58.7588

■ 48.5105, 65.1700,
65.7724

Harmonies

Analogous

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



18.0064, 16.9041, 21.8090



18.3439, 16.9041, 18.5156



18.0478, 16.9041, 15.5454

Triad

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



18.3439, 16.9041, 18.5156



15.0343, 16.9041, 13.4719



14.9710, 16.9041, 24.2850

Complementary

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



18.3439, 16.9041, 18.5156



18.5589, 21.9865, 23.3455

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.



14.2364, 16.9041, 21.5969



18.3439, 16.9041, 18.5156



14.2718, 16.9041, 15.3763

Square

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



18.3439, 16.9041, 18.5156



16.1052, 16.9041, 12.8479



13.9865, 16.9041, 18.2962



16.0286, 16.9041, 25.3718

Rectangle

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



18.3439, 16.9041, 18.5156



17.5385, 16.9041, 14.0893



13.9865, 16.9041, 18.2962



14.6799, 16.9041, 23.5243

Sweetspot

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



18.3444, 16.9049, 18.5160



38.5253, 39.1189, 42.7659



18.3244, 16.7469, 25.1886



8.8685, 8.9756, 9.8151



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.



18.3444, 16.9049, 18.5160



31.2138, 27.7464, 30.3078



18.5067, 17.9344, 16.3971



4.7232, 4.7090, 5.1549



9.5499, 4.8843, 2.2019



0.0359, 0.0181, 0.0225

Inverse Universe

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



18.3444, 16.9049, 18.5160



31.2138, 27.7464, 30.3078



18.3402, 20.6817, 25.9473



4.7232, 4.7090, 5.1549



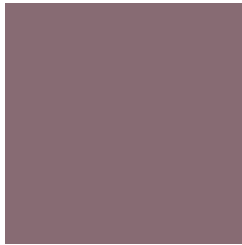
9.5499, 4.8843, 2.2019



0.0359, 0.0181, 0.0225

Previews

White Background



This preview shows how the XYZ color 18.3439, 16.9041, 18.5156 looks on a white background.

Color Contrast Check

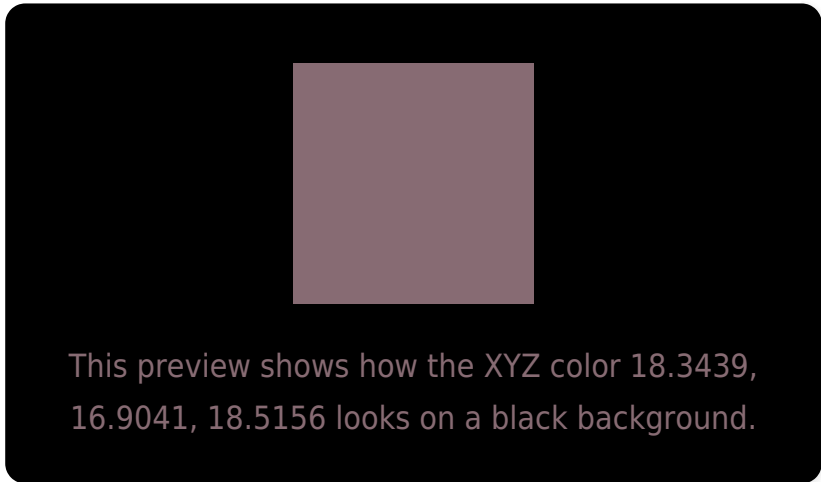
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

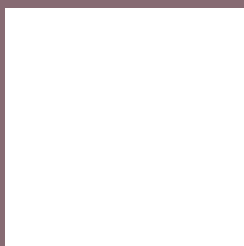
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.3439, 16.9041, 18.5156

Background



This preview shows how black text looks on a background with the XYZ color 18.3439, 16.9041, 18.5156.



This preview shows how white text looks on a background with the XYZ color 18.3439, 16.9041,

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

18.3439, 16.9041, 18.5156

Protanopia

16.4173, 17.0114, 19.8710

Deuteranopia

17.1791, 16.9438, 18.2846



Tritanopia

18.3439, 16.9041, 18.5156

Trichromacy



Original Color

18.3439, 16.9041, 18.5156

Protanomaly

16.9805, 16.8145, 19.4901

Deuteranomaly

17.6665, 17.0339, 18.2763

Tritanomaly

18.3439, 16.9041, 18.5156

Monochromacy



Original Color

18.3439, 16.9041, 18.5156

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 18.3439, 16.9041, 18.5156 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(135, 107, 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(135, 107, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 107, 115) }
```

Border

The CSS property to change the border of an element to XYZ 18.3439, 16.9041, 18.5156 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, 115) }
```


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

```
.border{ border-color:rgb(135, 107, 115) }
```

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, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 107, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 107, 115);  
box-shadow:4px 4px 4px 4px rgb(135, 107,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3439, 16.9041, 18.5156 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, 115) }
```

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

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