

Converting Colors

XYZ(18.0944, 16.6112, 19.6547)

Have a look what the booklet for
XYZ(18.0944, 16.6112, 19.6547)
contains.

XYZ(18.1567, 16.6265, 19.7050)	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(18.1567, 16.6265,
19.7050)**

Conversions

Conversions Part 1

Format	Color
Hex	856A77
RGB	133, 106, 119
RGB Percent	52%, 42%, 47%
CMY	0.4784, 0.5843, 0.5333
CMYK	0.00, 0.20, 0.11, 0.48
HSL	331°, 11%, 47%
HSV	331°, 20%, 52%
XYZ	18.1567, 16.6265, 19.7050
YIQ	115.5550, 11.9190, 9.7670

Conversions

Conversions Part 2

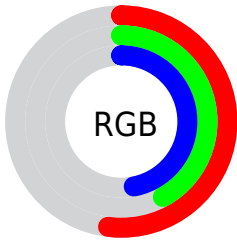
Format	Color
R_{YB}	133, 106, 119
Decimal	8743543
CIE _{Lab}	47.79, 13.02, -3.15
CIE _{LCh}	48, 13.399, 346.395
Yxy	16.6265, 0.3332, 0.3051
Android (android.graphics.Color)	4286933623 (0xFF856A77)
YUV	115.5550, 1.6984, 15.2993
Hunter-Lab	40.7756, 8.1258, -0.1092

Details

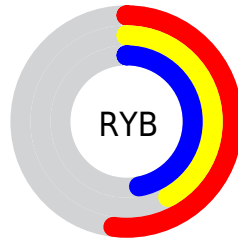
The XYZ color **18.1567, 16.6265, 19.7050** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.7223, 21.1958, 20.9275**, and the grayscale version is **16.4572, 17.3143, 18.8553**.

A 20% lighter version of the original color is **39.6574, 37.4933, 43.6748**, and **6.2686, 5.4219, 6.6774** is the 20% darker color. If you saturate the color by 10%, you get **16.4917, 13.9354, 17.1801**, and if you desaturate by 10%, it is **20.0653, 19.7563, 22.4598**.

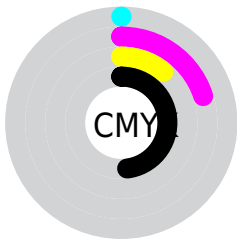
Distribution



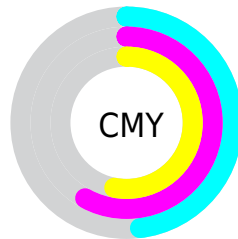
- Red (52%)
- Green (42%)
- Blue (47%)



- Red (52%)
- Yellow (42%)
- Blue (47%)



- Cyan (0%)
- Magenta (20%)
- Yellow (11%)
- Black (48%)



- Cyan (48%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1567, 16.6265, 19.7050 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 18.1567, 16.6265, 19.7050 by changing the saturation by 10% instead.

■ 18.1567, 16.6265,
19.7050

■ 18.1567, 16.6265,
19.7050

234.7813,
233.0107, 262.8648

■ 11.1629, 9.9686,
11.9988

■ 39.8321, 37.6825,
43.7745

■ 6.2446, 5.3781,
6.6204

■ 55.2445, 52.8493,
60.9749

■ 3.0365, 2.4708,
3.1510

■ 74.1938, 71.6212,
82.1771

■ 1.1731, 0.8620,
1.1723

■ 97.0454, 94.3826,
107.7998

■ 0.0850, 0.0000,
0.0000

124.1645,
121.5178, 138.2613

■ 0.0000, 0.0000,
0.0000

155.9167,

153.4113, 173.9803

192.6672,
190.4475, 215.3753

■ 18.1567, 16.6265,
19.7050

■ 18.1567, 16.6265,
19.7050

■ 16.4917, 13.9354,
17.1801

■ 20.0653, 19.7563,
22.4598

■ 15.0586, 11.6611,
14.8775

■ 22.2258, 23.3410,
25.4499

■ 13.8465, 9.7828,
12.7905

■ 24.6479, 27.3990,
28.6814

■ 12.8433, 8.2773,
10.9118

■ 27.3404, 31.9466,
32.1602

■ 12.0357, 7.1191,
9.2335

■ 30.3116, 36.9997,
35.8919

■ 11.4084, 6.2790,
7.7469

■ 33.5693, 42.5732,
39.8818

■ 10.9441, 5.7233,
6.4423

■ 37.1213, 48.6816,
44.1350

■ 10.5993, 5.3571,
5.3304

■ 40.9748, 55.3386,
48.6567

■ 45.1370, 62.5577,
53.4518

Harmonies

Analogous

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



17.5358, 16.6265, 23.0614



18.1567, 16.6265, 19.7050



18.1248, 16.6265, 16.2992

Triad

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



18.1567, 16.6265, 19.7050



15.1598, 16.6265, 12.4685



14.2624, 16.6265, 23.3301

Complementary

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



18.1567, 16.6265, 19.7050



17.7223, 21.1958, 20.9275

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.



13.6885, 16.6265, 20.0361



18.1567, 16.6265, 19.7050



14.1883, 16.6265, 13.9125

Square

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



18.1567, 16.6265, 19.7050



16.3527, 16.6265, 12.4036



13.6620, 16.6265, 16.5911



15.2657, 16.6265, 25.3265

Rectangle

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



18.1567, 16.6265, 19.7050



17.7367, 16.6265, 14.4542



13.6620, 16.6265, 16.5911



14.0152, 16.6265, 22.3203

Sweetspot

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



18.1572, 16.6272, 19.7054



37.4870, 37.9502, 42.3975



17.1271, 15.9918, 24.3747



8.4004, 8.4751, 9.4891



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.



18.1572, 16.6272, 19.7054



31.1969, 27.6350, 33.3180



17.4755, 16.4290, 15.8865



4.7590, 4.7233, 5.3433



10.0999, 5.1043, 5.0986



0.0386, 0.0191, 0.0369

Inverse Universe

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



18.1572, 16.6272, 19.7054



31.1969, 27.6350, 33.3180



18.5041, 21.4102, 25.3480



4.7590, 4.7233, 5.3433



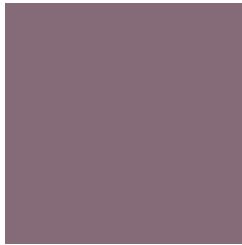
10.0999, 5.1043, 5.0986



0.0386, 0.0191, 0.0369

Previews

White Background



This preview shows how the XYZ color 18.1567, 16.6265, 19.7050 looks on a white background.

Color Contrast Check

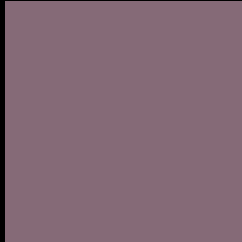
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1567, 16.6265, 19.7050 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 18.1567, 16.6265, 19.7050

Background



This preview shows how black text looks on a background with the XYZ color 18.1567, 16.6265, 19.7050.



This preview shows how white text looks on a background with the XYZ color 18.1567, 16.6265,

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

18.1567, 16.6265, 19.7050

Protanopia

16.2903, 16.7510, 21.1136

Deuteranopia

16.8720, 16.5974, 19.4539



Tritanopia

17.8679, 16.6587, 18.4934

Trichromacy



Original Color

18.1567, 16.6265, 19.7050

Protanomaly

16.8345, 16.5501, 20.7196

Deuteranomaly

17.3428, 16.6809, 19.4452

Tritanomaly

17.9258, 16.6819, 18.7981

Monochromacy



Original Color

18.1567, 16.6265, 19.7050

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.0311, 17.0103, 19.2153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1567, 16.6265, 19.7050 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(133, 106, 119)` looks like.

```
.text, #text, p{  
    color:rgb(133, 106, 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(133, 106, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 106, 119) }
```

Border

The CSS property to change the border of an element to XYZ 18.1567, 16.6265, 19.7050 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(133, 106, 119) }
```


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

```
.border{ border-color:rgb(133, 106, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 106, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 106, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 106, 119);  
box-shadow:4px 4px 4px 4px rgb(133, 106,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1567, 16.6265, 19.7050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 106, 119) }
```

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

```
.background{ background-color: rgb(133,  
106, 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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