

Converting Colors

XYZ(18.2007, 16.2515, 17.2165)

Have a look what the booklet for
XYZ(18.2007, 16.2515, 17.2165)
contains.

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Color

**XYZ(18.2007, 16.2515,
17.2165)**

Conversions

Conversions Part 1

Format	Color
Hex	8A676F
RGB	138, 103, 111
RGB Percent	54%, 40%, 44%
CMY	0.4588, 0.5961, 0.5647
CMYK	0.00, 0.25, 0.20, 0.46
HSL	346°, 15%, 47%
HSV	346°, 25%, 54%
XYZ	18.2007, 16.2515, 17.2165
YIQ	114.3770, 18.2920, 9.9080

Conversions

Conversions Part 2

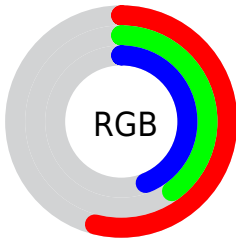
Format	Color
R_{YB}	138, 103, 111
Decimal	9070447
CIE Lab	47.30, 15.34, 0.99
CIE LCh	47, 15.371, 3.704
Yxy	16.2515, 0.3523, 0.3145
Android (android.graphics.Color)	4287260527 (0xFF8A676F)
YUV	114.3770, -1.6649, 20.7174
Hunter-Lab	40.3131, 10.0417, 2.8983

Details

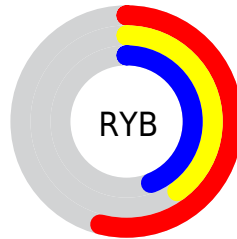
The XYZ color **18.2007, 16.2515, 17.2165** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.7119, 22.6726, 24.5102**, and the grayscale version is **16.1089, 16.9478, 18.4562**.

A 20% lighter version of the original color is **39.9047, 36.9620, 39.6815**, and **6.2419, 5.2135, 5.3799** is the 20% darker color. If you saturate the color by 10%, you get **16.3880, 13.5090, 13.8904**, and if you desaturate by 10%, it is **20.3107, 19.4766, 20.9869**.

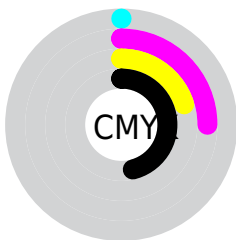
Distribution



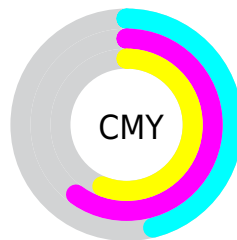
- Red (54%)
- Green (40%)
- Blue (44%)



- Red (54%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (25%)
- Yellow (20%)
- Black (46%)



- Cyan (46%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2007, 16.2515, 17.2165 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 18.2007, 16.2515, 17.2165 by changing the saturation by 10% instead.

■ 18.2007, 16.2515,
17.2165

■ 18.2007, 16.2515,
17.2165

235.0236,
230.8212, 248.5030

■ 11.1947, 9.7023,
10.2254

■ 39.9064, 37.0343,
39.4934

■ 6.2662, 5.2020,
5.4411

■ 55.3369, 52.0366,
55.6162

■ 3.0498, 2.3663,
2.4451

■ 74.3062, 70.6255,
75.6201

■ 1.1802, 0.8085,
0.8108

■ 97.1798, 93.1853,
99.9234

■ 0.0906, 0.0000,
0.0000

124.3230,
120.1003, 128.9449

■ 0.0000, 0.0000,
0.0000

156.1011,

151.7551, 163.1029

192.8796,
188.5339, 202.8161

■ 18.2007, 16.2515,
17.2165

■ 18.2007, 16.2515,
17.2165

■ 16.3880, 13.5090,
13.8904

■ 20.3107, 19.4766,
20.9869

■ 14.8578, 11.2236,
10.9910

■ 22.7294, 23.2037,
25.2162

■ 13.5959, 9.3710,
8.5010

■ 25.4692, 27.4537,
29.9197

■ 12.5863, 7.9236,
6.4014

■ 28.5413, 32.2460,
35.1117

■ 11.8112, 6.8507,
4.6719

■ 31.9565, 37.5986,
40.8057

■ 11.2505, 6.1170,
3.2899

■ 35.7250, 43.5289,
47.0148

■ 10.8765, 5.6726,
2.2290

■ 39.8566, 50.0536,
53.7517

■ 10.7357, 5.5050,
1.8303

■ 44.3608, 57.1886,
61.0286

■ 49.2466, 64.9492,
68.8571

Harmonies

Analogous

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



17.9070, 16.2515, 21.2180



18.2007, 16.2515, 17.2165



17.7216, 16.2515, 13.8624

Triad

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



18.2007, 16.2515, 17.2165



14.0428, 16.2515, 12.1759



14.3188, 16.2515, 25.2794

Complementary

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



18.2007, 16.2515, 17.2165



18.7119, 22.6726, 24.5102

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.



13.3751, 16.2515, 22.1763



18.2007, 16.2515, 17.2165



13.2225, 16.2515, 14.5855

Square

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



18.2007, 16.2515, 17.2165



15.2785, 16.2515, 11.2341



12.9853, 16.2515, 18.1825



15.6158, 16.2515, 26.2531

Rectangle

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



18.2007, 16.2515, 17.2165



17.0439, 16.2515, 12.3277



12.9853, 16.2515, 18.1825



13.9523, 16.2515, 24.4304

Sweetspot

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



18.2012, 16.2522, 17.2168



38.8097, 38.9619, 42.2687



18.6186, 16.2690, 26.2037



8.5733, 8.5360, 9.2513



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.



18.2012, 16.2522, 17.2168



30.3311, 25.9903, 27.1552



18.7609, 18.0453, 15.3272



5.0767, 5.0661, 5.4922



9.8480, 5.0493, 1.7041



0.0702, 0.0355, 0.0366

Inverse Universe

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



18.2012, 16.2522, 17.2168



30.3311, 25.9903, 27.1552



17.9880, 20.3319, 27.0212



5.0767, 5.0661, 5.4922



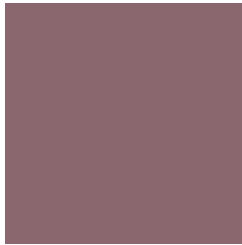
9.8480, 5.0493, 1.7041



0.0702, 0.0355, 0.0366

Previews

White Background



This preview shows how the XYZ color 18.2007, 16.2515, 17.2165 looks on a white background.

Color Contrast Check

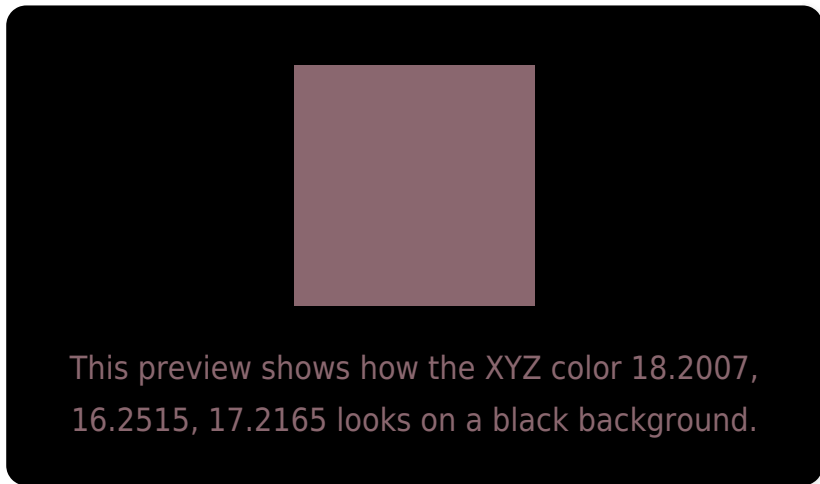
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.2007, 16.2515, 17.2165

Background



This preview shows how black text looks on a background with the XYZ color 18.2007, 16.2515, 17.2165.



This preview shows how white text looks on a background with the XYZ color 18.2007, 16.2515,

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

18.2007, 16.2515, 17.2165

Protanopia

15.7566, 16.3600, 18.8503

Deuteranopia

16.5953, 16.3482, 17.0327



Tritanopia

18.2007, 16.2515, 17.2165

Trichromacy



Original Color

18.2007, 16.2515, 17.2165

Protanomaly

16.5319, 16.2898, 18.1925

Deuteranomaly

17.1254, 16.3083, 16.9971

Tritanomaly

18.2007, 16.2515, 17.2165

Monochromacy



Original Color

18.2007, 16.2515, 17.2165

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.7249, 16.5551, 17.9367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2007, 16.2515, 17.2165 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(138, 103, 111)` looks like.

```
.text, #text, p{  
    color:rgb(138, 103, 111)  
}
```

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(138, 103, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 103, 111) }
```

Border

The CSS property to change the border of an element to XYZ 18.2007, 16.2515, 17.2165 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(138, 103, 111) }
```


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

```
.border{ border-color:rgb(138, 103, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 103, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 103, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 103, 111);  
box-shadow:4px 4px 4px 4px rgb(138, 103,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2007, 16.2515, 17.2165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 103, 111) }
```

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

```
.background{ background-color: rgb(138,  
103, 111) }
```

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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