

Converting Colors

XYZ(18.8202, 17.5166, 17.5051)

Have a look what the booklet for
XYZ(18.8202, 17.5166, 17.5051)
contains.

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Color

**XYZ(18.8191, 17.4882,
17.4226)**

Conversions

Conversions Part 1

Format	Color
Hex	8A6D6F
RGB	138, 109, 111
RGB Percent	54%, 43%, 44%
CMY	0.4588, 0.5725, 0.5647
CMYK	0.00, 0.21, 0.20, 0.46
HSL	356°, 12%, 48%
HSV	356°, 21%, 54%
XYZ	18.8191, 17.4882, 17.4226
YIQ	117.8990, 16.6420, 6.7700

Conversions

Conversions Part 2

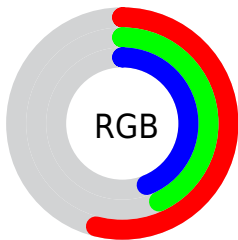
Format	Color
R _Y B	138, 109, 111
Decimal	9071983
CIE Lab	48.87, 11.81, 3.26
CIE LCh	49, 12.256, 15.447
Yxy	17.4882, 0.3503, 0.3255
Android (android.graphics.Color)	4287262063 (0xFF8A6D6F)
YUV	117.8990, -3.4012, 17.6286
Hunter-Lab	41.8189, 7.1445, 4.5718

Details

The XYZ color **18.8191, 17.4882, 17.4226** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.8398, 23.2062, 26.7272**, and the grayscale version is **17.1953, 18.0908, 19.7009**.

A 20% lighter version of the original color is **41.0940, 39.3405, 40.0779**, and **6.4964, 5.7226, 5.4648** is the 20% darker color. If you saturate the color by 10%, you get **16.8036, 14.5091, 13.5077**, and if you desaturate by 10%, it is **21.1685, 20.9719, 21.9514**.

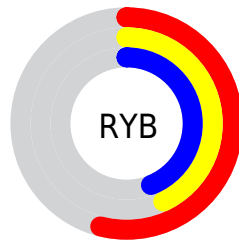
Distribution



Red (54%)

Green (43%)

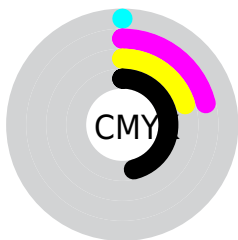
Blue (44%)



Red (54%)

Yellow (43%)

Blue (44%)

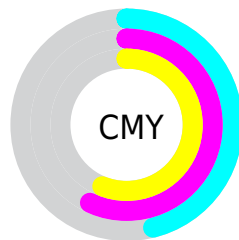


Cyan (0%)

Magenta (21%)

Yellow (20%)

Black (46%)



Cyan (46%)

Magenta (57%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8191, 17.4882, 17.4226 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 18.8191, 17.4882, 17.4226 by changing the saturation by 10% instead.

■ 18.8191, 17.4882,
17.4226

■ 18.8191, 17.4882,
17.4226

238.4056,
237.9702, 249.7219

■ 11.6429, 10.5832,
10.3711

■ 40.9474, 39.1633,
39.8515

■ 6.5715, 5.7873,
5.5369

■ 56.6303, 54.7021,
56.0660

■ 3.2395, 2.7162,
2.5014

■ 75.8793, 73.8877,
76.1720

■ 1.2816, 0.9854,
0.8409

■ 99.0600, 97.1044,
100.5879

■ 0.1694, 0.0000,
0.0000

126.5375,
124.7366, 129.7323

■ 0.0000, 0.0000,
0.0000

158.6775,

157.1687, 164.0237

195.8450,
194.7851, 203.8808

■ 18.8191, 17.4882,
17.4226

■ 18.8191, 17.4882,
17.4226

■ 16.8036, 14.5091,
13.5077

■ 21.1685, 20.9719,
21.9514

■ 15.1055, 12.0090,
10.1792

■ 23.8645, 24.9796,
27.1178

■ 13.7090, 9.9635,
7.4092

■ 26.9209, 29.5325,
32.9456

■ 12.5965, 8.3454,
5.1671

■ 30.3503, 34.6499,
39.4569

■ 11.7483, 7.1244,
3.4193

■ 34.1646, 40.3504,
46.6729

■ 11.1426, 6.2661,
2.1283

■ 38.3754, 46.6514,
54.6139

■ 10.7536, 5.7305,
1.2515

■ 42.9936, 53.5698,
63.2994

■ 10.5334, 5.4241,
0.7648

■ 48.0298, 61.1218,
72.7480

■ 53.4941, 69.3230,
82.9779

Harmonies

Analogous

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



18.8287, 17.4882, 20.6584



18.8191, 17.4882, 17.4226



18.2031, 17.4882, 14.9202

Triad

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



18.8191, 17.4882, 17.4226



15.1126, 17.4882, 14.9789



16.0788, 17.4882, 25.7661

Complementary

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



18.8191, 17.4882, 17.4226



19.8398, 23.2062, 26.7272

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.



15.1352, 17.4882, 23.8599



18.8191, 17.4882, 17.4226



14.5949, 17.4882, 17.5116

Square

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



18.8191, 17.4882, 17.4226



16.0466, 17.4882, 13.6228



14.6029, 17.4882, 20.7581



17.2110, 17.4882, 25.7352

Rectangle

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



18.8191, 17.4882, 17.4226



17.5469, 17.4882, 13.8965



14.6029, 17.4882, 20.7581



15.7302, 17.4882, 25.3219

Sweetspot

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



18.8196, 17.4890, 17.4230



39.5561, 40.2989, 42.9977



20.1424, 17.9724, 26.4524



8.8154, 8.9544, 9.5353



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.



18.8196, 17.4890, 17.4230



31.4946, 28.3446, 27.4589



20.0896, 20.2030, 17.3096



5.0459, 5.0538, 5.3304



9.6599, 4.9741, 0.7133



0.0658, 0.0337, 0.0131

Inverse Universe

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



18.8196, 17.4890, 17.4230



31.4946, 28.3446, 27.4589



18.3450, 19.9872, 26.9360



5.0459, 5.0538, 5.3304



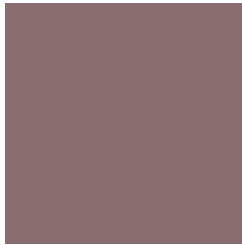
9.6599, 4.9741, 0.7133



0.0658, 0.0337, 0.0131

Previews

White Background



This preview shows how the XYZ color 18.8191, 17.4882, 17.4226 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 18.8191, 17.4882, 17.4226 looks on a black 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

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

XYZ 18.8191, 17.4882, 17.4226

Background



This preview shows how black text looks on a background with the XYZ color 18.8191, 17.4882, 17.4226.



This preview shows how white text looks on a background with the XYZ color 18.8191, 17.4882,

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

18.8191, 17.4882, 17.4226

Protanopia

16.9477, 17.6505, 18.7333

Deuteranopia

17.8146, 17.4600, 17.1830



Tritanopia

19.2209, 17.4984, 19.1941

Trichromacy



Original Color

18.8191, 17.4882, 17.4226

Protanomaly

17.5466, 17.4608, 18.3651

Deuteranomaly

18.1718, 17.4812, 17.1683

Tritanomaly

19.1045, 17.4519, 18.5813

Monochromacy



Original Color

18.8191, 17.4882, 17.4226

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.6827, 17.8592, 18.7349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8191, 17.4882, 17.4226 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, 109, 111)` looks like.

```
.text, #text, p{  
    color:rgb(138, 109, 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, 109, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 109, 111) }
```

Border

The CSS property to change the border of an element to XYZ 18.8191, 17.4882, 17.4226 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, 109, 111) }
```


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

```
.border{ border-color:rgb(138, 109, 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, 109, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 109, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 109, 111);  
box-shadow:4px 4px 4px 4px rgb(138, 109,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8191, 17.4882, 17.4226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 109, 111) }
```

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

```
.background{ background-color: rgb(138,  
109, 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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