

Converting Colors

XYZ(18.1882, 17.3770, 21.7093)

Have a look what the booklet for
XYZ(18.1882, 17.3770, 21.7093)
contains.

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Color

**XYZ(18.2882, 17.4387,
21.8042)**

Conversions

Conversions Part 1

Format	Color
Hex	806F7D
RGB	128, 111, 125
RGB Percent	50%, 44%, 49%
CMY	0.4980, 0.5647, 0.5098
CMYK	0.00, 0.13, 0.02, 0.50
HSL	311°, 7%, 47%
HSV	311°, 13%, 50%
XYZ	18.2882, 17.4387, 21.8042
YIQ	117.6790, 5.6380, 7.9580

Conversions

Conversions Part 2

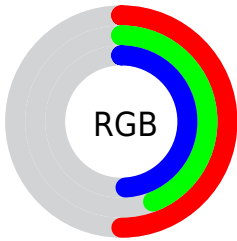
Format	Color
R_{YB}	128, 111, 125
Decimal	8417149
CIE _{Lab}	48.81, 9.31, -5.27
CIE _{LCh}	49, 10.700, 330.481
Yxy	17.4387, 0.3179, 0.3031
Android (android.graphics.Color)	4286607229 (0xFF806F7D)
YUV	117.6790, 3.6093, 9.0515
Hunter-Lab	41.7597, 5.0927, -1.7256

Details

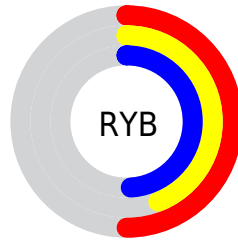
The XYZ color **18.2882, 17.4387, 21.8042** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.3126, 20.0333, 18.8748**, and the grayscale version is **17.1078, 17.9988, 19.6007**.

A 20% lighter version of the original color is **40.1891, 39.2325, 47.5739**, and **6.3065, 5.7391, 7.6128** is the 20% darker color. If you saturate the color by 10%, you get **16.8479, 14.7862, 20.6203**, and if you desaturate by 10%, it is **19.9329, 20.4943, 23.0729**.

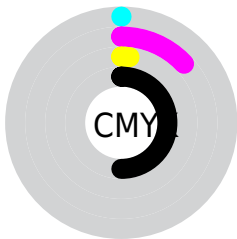
Distribution



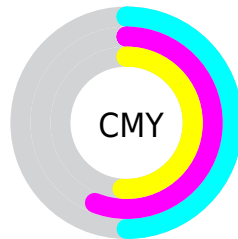
- Red (50%)
- Green (44%)
- Blue (49%)



- Red (50%)
- Yellow (44%)
- Blue (49%)



- Cyan (0%)
- Magenta (13%)
- Yellow (2%)
- Black (50%)



- Cyan (50%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2882, 17.4387, 21.8042 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 18.2882, 17.4387, 21.8042 by changing the saturation by 10% instead.

■ 18.2882, 17.4387,
21.8042

■ 18.2882, 17.4387,
21.8042

235.5048,
237.6879, 274.4421

■ 11.2580, 10.5478,
13.5162

■ 40.0540, 39.0785,
47.3202

■ 6.3092, 5.7636,
7.6500

■ 55.5204, 54.5962,
65.3852

■ 3.0765, 2.7019,
3.7873

■ 74.5296, 73.7583,
87.5464

■ 1.1943, 0.9782,
1.5094

■ 97.4469, 96.9491,
114.2221

■ 0.1019, 0.0000,
0.2249

124.6378,
124.5531, 145.8310

■ 0.0000, 0.0000,
0.0000

156.4674,

156.9546, 182.7916

193.3013,
194.5381, 225.5225

■ 18.2882, 17.4387,
21.8042

■ 18.2882, 17.4387,
21.8042

■ 16.8479, 14.7862,
20.6203

■ 19.9329, 20.4943,
23.0729

■ 15.6021, 12.5177,
19.5171

■ 21.7886, 23.9668,
24.4279

■ 14.5421, 10.6156,
18.4918

■ 23.8633, 27.8718,
25.8724

■ 13.6581, 9.0605,
17.5411

■ 26.1641, 32.2239,
27.4088

■ 12.9394, 7.8307,
16.6613

■ 28.6979, 37.0365,
29.0394

■ 12.3739, 6.9025,
15.8482

■ 31.4713, 42.3229,
30.7666

■ 11.9482, 6.2487,
15.0972

■ 34.4905, 48.0955,
32.5926

■ 11.6457, 5.8360,
14.4027

■ 37.7617, 54.3665,
34.5195

■ 11.4732, 5.6176,
13.9549

■ 41.2906, 61.1475,
36.5493

Harmonies

Analogous

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



17.5600, 17.4387, 24.0872



18.2882, 17.4387, 21.8042



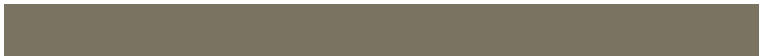
18.5534, 17.4387, 18.9421

Triad

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



18.2882, 17.4387, 21.8042



16.5590, 17.4387, 14.0389



14.9871, 17.4387, 21.8912

Complementary

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



18.2882, 17.4387, 21.8042



17.3126, 20.0333, 18.8748

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.



14.7424, 17.4387, 19.0336



18.2882, 17.4387, 21.8042



15.6275, 17.4387, 14.6642

Square

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



18.2882, 17.4387, 21.8042



17.5312, 17.4387, 14.6257



14.9722, 17.4387, 16.4250



15.6541, 17.4387, 24.1409

Rectangle

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



18.2882, 17.4387, 21.8042



18.4240, 17.4387, 17.1425



14.9722, 17.4387, 16.4250



14.8540, 17.4387, 20.9610

Sweetspot

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



18.2887, 17.4395, 21.8046



34.8456, 35.6189, 40.4357



16.4992, 16.4944, 22.7365



8.1112, 8.2515, 9.4315



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.2887, 17.4395, 21.8046



31.3786, 29.1876, 37.7303



17.7784, 17.2353, 19.1175



4.4666, 4.3998, 5.2617



11.3767, 5.5704, 13.8394



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.2887, 17.4395, 21.8046



31.3786, 29.1876, 37.7303



17.8088, 20.2317, 21.4878



4.4666, 4.3998, 5.2617



11.3767, 5.5704, 13.8394



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.2882, 17.4387, 21.8042 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 18.2882, 17.4387, 21.8042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

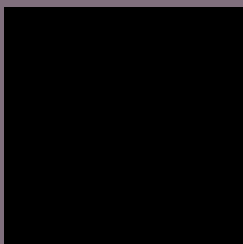
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.2882, 17.4387, 21.8042

Background



This preview shows how black text looks on a background with the XYZ color 18.2882, 17.4387, 21.8042.



This preview shows how white text looks on a background with the XYZ color 18.2882, 17.4387,

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

18.2882, 17.4387, 21.8042

Protanopia

17.0972, 17.4648, 22.8920

Deuteranopia

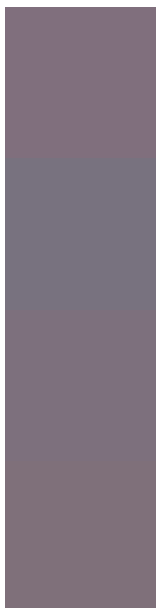
17.7752, 17.5019, 21.8434



Tritanopia

17.9978, 17.4808, 20.5147

Trichromacy



Original Color

18.2882, 17.4387, 21.8042

Protanomaly

17.5938, 17.5600, 22.5408

Deuteranomaly

17.9533, 17.4290, 21.8199

Tritanomaly

18.0594, 17.5055, 20.8394

Monochromacy



Original Color

18.2882, 17.4387, 21.8042

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.6080, 17.7795, 20.5929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2882, 17.4387, 21.8042 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(128, 111, 125) looks like.

```
.text, #text, p{  
    color:rgb(128, 111, 125)  
}
```

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(128, 111, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 111, 125) }
```

Border

The CSS property to change the border of an element to XYZ 18.2882, 17.4387, 21.8042 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(128, 111, 125) }
```


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

```
.border{ border-color:rgb(128, 111, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 111, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 111, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 111, 125);  
box-shadow:4px 4px 4px 4px rgb(128, 111,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2882, 17.4387, 21.8042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 111, 125) }
```

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

```
.background{ background-color: rgb(128,  
111, 125) }
```

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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