

Converting Colors

XYZ(18.1343, 18.4676, 17.9968)

Have a look what the booklet for
XYZ(18.1343, 18.4676, 17.9968)
contains.

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Color

**XYZ(18.1880, 18.4816,
17.9379)**

Conversions

Conversions Part 1

Format	Color
Hex	807570
RGB	128, 117, 112
RGB Percent	50%, 46%, 44%
CMY	0.4980, 0.5412, 0.5608
CMYK	0.00, 0.09, 0.12, 0.50
HSL	19°, 7%, 47%
HSV	19°, 12%, 50%
XYZ	18.1880, 18.4816, 17.9379
YIQ	119.7190, 8.1610, 0.7770

Conversions

Conversions Part 2

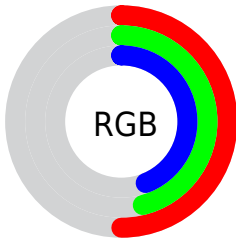
Format	Color
R_{YB}	128, 119, 112
Decimal	8418672
CIE _{Lab}	50.08, 3.32, 4.28
CIE _{LCh}	50, 5.420, 52.206
Yxy	18.4816, 0.3331, 0.3384
Android (android.graphics.Color)	4286608752 (0xFF807570)
YUV	119.7190, -3.8055, 7.2624
Hunter-Lab	42.9902, 0.2856, 5.3541

Details

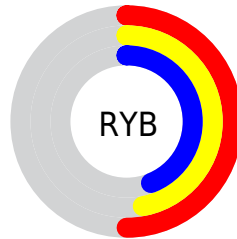
The XYZ color **18.1880, 18.4816, 17.9379** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.6613, 19.1688, 23.1914**, and the grayscale version is **17.7732, 18.6988, 20.3630**.

A 20% lighter version of the original color is **39.9449, 40.8800, 40.9073**, and **6.2780, 6.2887, 5.7334** is the 20% darker color. If you saturate the color by 10%, you get **16.5481, 16.2623, 14.1215**, and if you desaturate by 10%, it is **20.0266, 20.9358, 22.3209**.

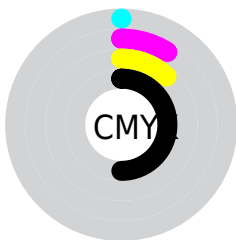
Distribution



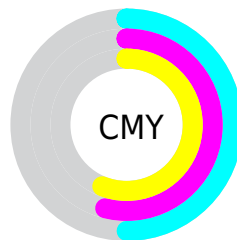
- Red (50%)
- Green (46%)
- Blue (44%)



- Red (50%)
- Yellow (47%)
- Blue (44%)



- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (50%)



- Cyan (50%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1880, 18.4816, 17.9379 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 18.1880, 18.4816, 17.9379 by changing the saturation by 10% instead.

■ 18.1880, 18.4816,
17.9379

■ 18.1880, 18.4816,
17.9379

234.9537,
243.5718, 252.7451

■ 11.1856, 11.2963,
10.7364

■ 39.8850, 40.8563,
40.7440

■ 6.2600, 6.2665,
5.7780

■ 55.3102, 56.8144,
57.1857

■ 3.0460, 3.0078,
2.6439

■ 74.2738, 76.4657,
77.5446

■ 1.1781, 1.1358,
0.9150

■ 97.1410, 100.1944,
102.2391

■ 0.0890, 0.0083,
0.0000

124.2773,
128.3849, 131.6879

■ 0.0000, 0.0000,
0.0000

156.0479,

161.4217, 166.3095

192.8183,
199.6892, 206.5224

■ 18.1880, 18.4816,
17.9379

■ 18.1880, 18.4816,
17.9379

■ 16.5481, 16.2623,
14.1215

■ 20.0266, 20.9358,
22.3209

■ 15.0986, 14.2686,
10.8473

■ 22.0690, 23.6291,
27.2913

■ 13.8325, 12.4937,
8.0907

■ 24.3218, 26.5687,
32.8701

■ 12.7421, 10.9301,
5.8249

■ 26.7911, 29.7609,
39.0772

■ 11.8190, 9.5694,
4.0205

■ 29.4826, 33.2115,
45.9314

■ 11.0540, 8.4028,
2.6450

■ 32.4017, 36.9263,
53.4508

■ 10.4369, 7.4208,
1.6617

■ 35.5538, 40.9108,
61.6526

■ 9.9561, 6.6129,
1.0274

■ 38.9439, 45.1705,
70.5536

■ 9.6616, 6.1081,
0.6698

■ 42.5772, 49.7105,
80.1699

Harmonies

Analogous

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



18.5112, 18.4816, 19.0572



18.1880, 18.4816, 17.9379



17.7026, 18.4816, 17.4097

Triad

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



18.1880, 18.4816, 17.9379



16.5912, 18.4816, 19.7363



17.9480, 18.4816, 22.9014

Complementary

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



18.1880, 18.4816, 17.9379



17.6613, 19.1688, 23.1914

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.



17.4306, 18.4816, 23.1053



18.1880, 18.4816, 17.9379



16.6540, 18.4816, 21.2285

Square

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



18.1880, 18.4816, 17.9379



16.7856, 18.4816, 18.4140



16.9587, 18.4816, 22.4794



18.3707, 18.4816, 21.9353

Rectangle

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



18.1880, 18.4816, 17.9379



17.3550, 18.4816, 17.4446



16.9587, 18.4816, 22.4794



17.7791, 18.4816, 23.0632

Sweetspot

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



18.1885, 18.4824, 17.9383



34.7206, 36.1446, 38.0021



18.2842, 17.6129, 21.2408



8.0771, 8.3934, 8.7727



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.



18.1885, 18.4824, 17.9383



31.1667, 31.3874, 29.5712



19.1353, 20.3759, 18.2539



4.4290, 4.5467, 4.5643



9.5812, 6.0588, 0.6645



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.6613, 19.1688, 23.1914



30.0483, 32.8427, 40.7118



16.7322, 17.3106, 22.8817



4.3365, 4.6671, 5.4856



7.3235, 8.4654, 21.4980



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.1880, 18.4816, 17.9379 looks on a white background.

Color Contrast Check

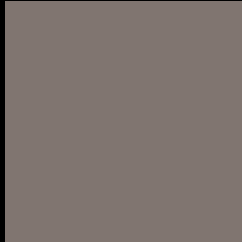
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 18.1880, 18.4816, 17.9379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

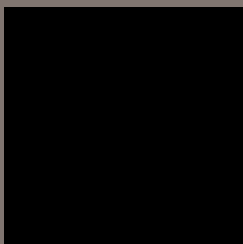
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

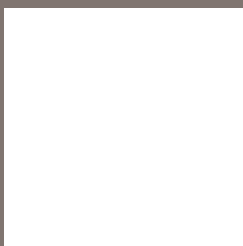
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.1880, 18.4816, 17.9379

Background



This preview shows how black text looks on a background with the XYZ color 18.1880, 18.4816, 17.9379.

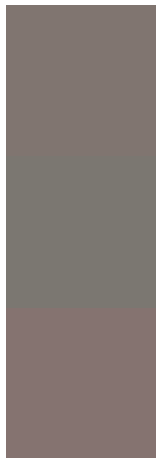


This preview shows how white text looks on a background with the XYZ color 18.1880, 18.4816,

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

18.1880, 18.4816, 17.9379

Protanopia

17.7458, 18.5969, 18.2770

Deuteranopia

18.7282, 18.4179, 17.8972



Tritanopia

18.9747, 18.4625, 21.6323

Trichromacy



Original Color

18.1880, 18.4816, 17.9379

Protanomaly

17.9165, 18.5091, 18.2511

Deuteranomaly

18.5301, 18.4859, 17.9207

Tritanomaly

18.6888, 18.5140, 20.3578

Monochromacy



Original Color

18.1880, 18.4816, 17.9379

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.9761, 18.6890, 19.4895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1880, 18.4816, 17.9379 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, 117, 112)` looks like.

```
.text, #text, p{  
    color:rgb(128, 117, 112)  
}
```

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, 117, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 117, 112) }
```

Border

The CSS property to change the border of an element to XYZ 18.1880, 18.4816, 17.9379 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, 117, 112) }
```


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

```
.border{ border-color:rgb(128, 117, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 117, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 117, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 117, 112);  
box-shadow:4px 4px 4px 4px rgb(128, 117,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1880, 18.4816, 17.9379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 117, 112) }
```

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

```
.background{ background-color: rgb(128,  
117, 112) }
```

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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