

Converting Colors

XYZ(17.1223, 18.3059, 13.4837)

Have a look what the booklet for
XYZ(17.1223, 18.3059, 13.4837)
contains.

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Color

**XYZ(17.1198, 18.3798,
13.4718)**

Conversions

Conversions Part 1

Format	Color
Hex	7D775F
RGB	125, 119, 95
RGB Percent	49%, 47%, 37%
CMY	0.5098, 0.5333, 0.6274
CMYK	0.00, 0.05, 0.24, 0.51
HSL	48°, 14%, 43%
HSV	48°, 24%, 49%
XYZ	17.1198, 18.3798, 13.4718
YIQ	118.0580, 11.2800, -6.1920

Conversions

Conversions Part 2

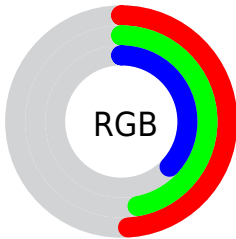
Format	Color
RYB	103, 125, 95
Decimal	8222559
CIELab	49.95, -1.91, 14.05
CIELCh	50, 14.183, 97.737
Yxy	18.3798, 0.3496, 0.3753
Android (android.graphics.Color)	4286412639 (0xFF7D775F)
YUV	118.0580, -11.3676, 6.0881
Hunter-Lab	42.8717, -3.7456, 11.3791

Details

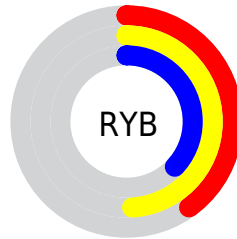
The XYZ color **17.1198, 18.3798, 13.4718** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.0746, 13.2206, 21.2648**, and the grayscale version is **17.2704, 18.1698, 19.7869**.

A 20% lighter version of the original color is **38.1113, 40.6661, 33.0348**, and **5.7881, 6.2647, 3.8099** is the 20% darker color. If you saturate the color by 10%, you get **16.3033, 17.5842, 10.6178**, and if you desaturate by 10%, it is **18.0363, 19.2292, 16.8095**.

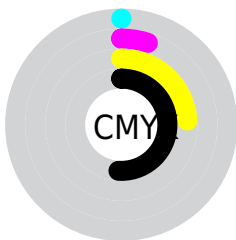
Distribution



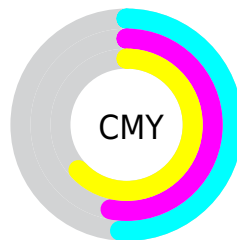
- Red (49%)
- Green (47%)
- Blue (37%)



- Red (40%)
- Yellow (49%)
- Blue (37%)



- Cyan (0%)
- Magenta (5%)
- Yellow (24%)
- Black (51%)



- Cyan (51%)
- Magenta (53%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1198, 18.3798, 13.4718 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 17.1198, 18.3798, 13.4718 by changing the saturation by 10% instead.

■ 17.1198, 18.3798,
13.4718

■ 17.1198, 18.3798,
13.4718

229.0046,
243.0032, 225.2326

■ 10.4158, 11.2230,
7.6197

■ 38.0736, 40.6834,
32.8524

■ 5.7399, 6.2170,
3.7683

■ 53.0541, 56.5991,
47.2179

■ 2.7267, 2.9775,
1.4991

■ 71.5241, 76.2031,
65.2583

■ 1.0109, 1.1200,
0.2173

■ 93.8490, 99.8799,
87.3921

■ 0.0000, 0.0000,
0.0000

120.3942,
128.0140, 114.0380

151.5249,

160.9896, 145.6143

187.6066,
199.1912, 182.5397

■ 17.1198, 18.3798,
13.4718

■ 17.1198, 18.3798,
13.4718

■ 16.3033, 17.5842,
10.6178

■ 18.0363, 19.2292,
16.8095

■ 15.5809, 16.8380,
8.2234

■ 19.0555, 20.1316,
20.6511

■ 14.9484, 16.1402,
6.2642

■ 20.1816, 21.0895,
25.0170

■ 14.4006, 15.4884,
4.7133

■ 21.4185, 22.1045,
29.9262

■ 13.9317, 14.8803,
3.5404

■ 22.7694, 23.1780,
35.3968

■ 13.5351, 14.3131,
2.7112

■ 24.2379, 24.3115,
41.4459

■ 13.2020, 13.7833,
2.1800

■ 25.8269, 25.5063,
48.0900

■ 13.0158, 13.4765,
1.9152

■ 27.5397, 26.7637,
55.3449

■ 29.3791, 28.0850,
63.2258

Harmonies

Analogous

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



18.4789, 18.3798, 13.8517



17.1198, 18.3798, 13.4718



15.9176, 18.3798, 14.6556

Triad

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



17.1198, 18.3798, 13.4718



15.4822, 18.3798, 24.9542



20.0026, 18.3798, 22.9855

Complementary

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



17.1198, 18.3798, 13.4718



13.0746, 13.2206, 21.2648

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.



19.1191, 18.3798, 26.5375



17.1198, 18.3798, 13.4718



16.4975, 18.3798, 27.7730

Square

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



17.1198, 18.3798, 13.4718



15.0046, 18.3798, 21.0376



17.8238, 18.3798, 28.3872



20.1905, 18.3798, 19.0212

Rectangle

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



17.1198, 18.3798, 13.4718



15.3505, 18.3798, 16.2755



17.8238, 18.3798, 28.3872



19.7750, 18.3798, 24.2817

Sweetspot

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



17.1203, 18.3806, 13.4722



33.5246, 35.5278, 34.7003



14.8988, 13.4842, 14.1296



7.6078, 8.0656, 7.8254



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



17.1203, 18.3806, 13.4722



29.8027, 32.0907, 21.1073



16.6018, 19.2066, 13.6589



4.5946, 4.8780, 4.6195



13.5796, 14.0555, 1.9973



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.0746, 13.2206, 21.2648



21.1901, 21.1075, 37.7017



13.5030, 12.6084, 21.1241



4.1731, 4.3403, 5.4311



4.2216, 2.2617, 20.4640



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.1198, 18.3798, 13.4718 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 17.1198, 18.3798, 13.4718 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

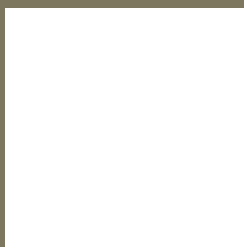
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1198, 18.3798, 13.4718

Background



This preview shows how black text looks on a background with the XYZ color 17.1198, 18.3798, 13.4718.



This preview shows how white text looks on a background with the XYZ color 17.1198, 18.3798,

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

17.1198, 18.3798, 13.4718

Protanopia

17.2666, 18.4555, 13.4787

Deuteranopia

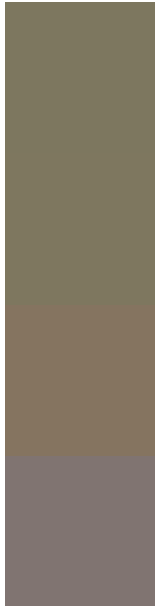
18.6099, 18.2824, 13.6143



Tritanopia

18.8221, 18.3838, 21.6252

Trichromacy



Original Color

17.1198, 18.3798, 13.4718

Protanomaly

17.2666, 18.4555, 13.4787

Deuteranomaly

18.0296, 18.3219, 13.6525

Tritanomaly

18.1281, 18.2722, 18.1942

Monochromacy



Original Color

17.1198, 18.3798, 13.4718

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.1781, 18.1476, 17.3493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1198, 18.3798, 13.4718 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(125, 119, 95)` looks like.

```
.text, #text, p{  
    color:rgb(125, 119, 95)  
}
```

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(125, 119, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 119, 95) }
```

Border

The CSS property to change the border of an element to XYZ 17.1198, 18.3798, 13.4718 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(125, 119, 95) }
```


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

```
.border{ border-color:rgb(125, 119, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 119, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 119, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 119, 95);  
box-shadow:4px 4px 4px 4px rgb(125, 119,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1198, 18.3798, 13.4718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 119, 95) }
```

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

```
.background{ background-color: rgb(125,  
119, 95) }
```

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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