

Converting Colors

XYZ(17.4578, 18.4526, 18.7042)

Have a look what the booklet for
XYZ(17.4578, 18.4526, 18.7042)
contains.

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Color

**XYZ(17.3798, 18.4016,
18.5554)**

Conversions

Conversions Part 1

Format	Color
Hex	787772
RGB	120, 119, 114
RGB Percent	47%, 47%, 45%
CMY	0.5294, 0.5333, 0.5529
CMYK	0.00, 0.01, 0.05, 0.53
HSL	50°, 3%, 46%
HSV	50°, 5%, 47%
XYZ	17.3798, 18.4016, 18.5554
YIQ	118.7290, 2.2010, -1.3430

Conversions

Conversions Part 2

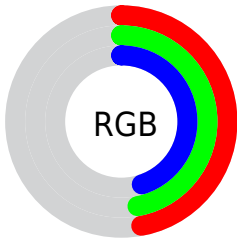
Format	Color
R_{YB}	115, 120, 114
Decimal	7894898
CIE Lab	49.98, -0.60, 2.87
CIE LCh	50, 2.936, 101.780
Yxy	18.4016, 0.3199, 0.3387
Android (android.graphics.Color)	4286084978 (0xFF787772)
YUV	118.7290, -2.3314, 1.1147
Hunter-Lab	42.8971, -2.7504, 4.3817

Details

The XYZ color **17.3798, 18.4016, 18.5554** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4603, 17.1947, 20.2209**, and the grayscale version is **17.4560, 18.3651, 19.9996**.

A 20% lighter version of the original color is **38.4591, 40.6496, 41.8955**, and **5.9091, 6.2775, 6.0545** is the 20% darker color. If you saturate the color by 10%, you get **16.5063, 17.6767, 15.1125**, and if you desaturate by 10%, it is **18.3490, 19.1739, 22.4728**.

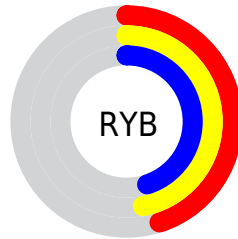
Distribution



Red (47%)

Green (47%)

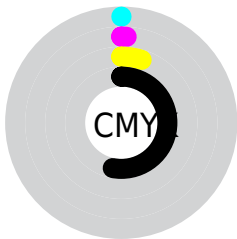
Blue (45%)



Red (45%)

Yellow (47%)

Blue (45%)

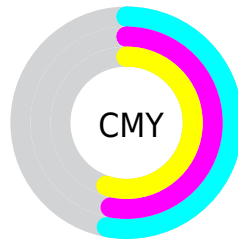


Cyan (0%)

Magenta (1%)

Yellow (5%)

Black (53%)



Cyan (53%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3798, 18.4016, 18.5554 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 17.3798, 18.4016, 18.5554 by changing the saturation by 10% instead.

■ 17.3798, 18.4016,
18.5554

■ 17.3798, 18.4016,
18.5554

230.4655,
243.1250, 256.3236

■ 10.6026, 11.2387,
11.1759

■ 38.5161, 40.7205,
41.8081

■ 5.8656, 6.2276,
6.0696

■ 53.6059, 56.6452,
58.5184

■ 2.8034, 2.9840,
2.8180

■ 72.1973, 76.2594,
79.1761

■ 1.0507, 1.1234,
1.0025

■ 94.6556, 99.9473,
104.1996

■ 0.0000, 0.0000,
0.0000

121.3462,
128.0935, 134.0076

152.6345,

161.0822, 169.0186

188.8858,
199.2979, 209.6511

■ 17.3798, 18.4016,
18.5554

■ 17.3798, 18.4016,
18.5554

■ 16.5063, 17.6767,
15.1125

■ 18.3490, 19.1739,
22.4728

■ 15.7234, 16.9955,
12.1247

■ 19.4156, 19.9926,
26.8807

■ 15.0279, 16.3571,
9.5730

■ 20.5832, 20.8598,
31.7961

■ 14.4159, 15.7599,
7.4365

■ 21.8550, 21.7767,
37.2344

■ 13.8830, 15.2021,
5.6927

■ 23.2336, 22.7446,
43.2106

■ 13.4245, 14.6819,
4.3169

■ 24.7220, 23.7646,
49.7391

■ 13.0352, 14.1969,
3.2816

■ 26.3227, 24.8378,
56.8337

■ 12.7091, 13.7449,
2.5555

■ 28.0383, 25.9652,
64.5077

■ 12.4365, 13.3220,
2.0882

■ 29.8712, 27.1479,
72.7739

Harmonies

Analogous

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



17.6601, 18.4016, 18.5983



17.3798, 18.4016, 18.5554



17.1317, 18.4016, 18.9013

Triad

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



17.3798, 18.4016, 18.5554



17.0893, 18.4016, 21.0878



18.0098, 18.4016, 20.5253

Complementary

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



17.3798, 18.4016, 18.5554



16.4603, 17.1947, 20.2209

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.



17.8536, 18.4016, 21.2156



17.3798, 18.4016, 18.5554



17.3213, 18.4016, 21.5464

Square

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



17.3798, 18.4016, 18.5554



16.9652, 18.4016, 20.3546



17.6010, 18.4016, 21.5938



18.0259, 18.4016, 19.7211

Rectangle

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



17.3798, 18.4016, 18.5554



17.0171, 18.4016, 19.3115



17.6010, 18.4016, 21.5938



17.9719, 18.4016, 20.7789

Sweetspot

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



17.3803, 18.4024, 18.5558



31.2255, 32.8958, 35.2732



16.8578, 17.2657, 18.6640



7.4032, 7.7984, 8.3717



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



17.3803, 18.4024, 18.5558



30.3838, 32.2157, 31.8996



17.2252, 18.4996, 18.5827



4.3147, 4.5761, 4.5158



13.4177, 14.2914, 2.0513



63.4705, 67.1045, 9.6072

Inverse Universe

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



16.4603, 17.1947, 20.2209



28.4091, 29.6234, 35.4736



16.6102, 17.1039, 20.1955



4.0247, 4.1952, 5.0408



3.9626, 2.0076, 19.5640



18.4694, 8.7114, 93.1778

Previews

White Background



This preview shows how the XYZ color 17.3798, 18.4016, 18.5554 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 17.3798, 18.4016, 18.5554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

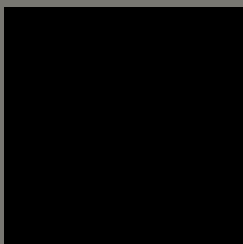
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

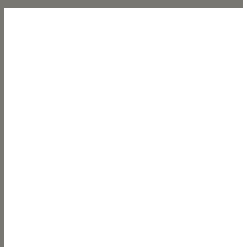
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3798, 18.4016, 18.5554

Background



This preview shows how black text looks on a background with the XYZ color 17.3798, 18.4016, 18.5554.



This preview shows how white text looks on a background with the XYZ color 17.3798, 18.4016,

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

17.3798, 18.4016, 18.5554

Protanopia

17.5417, 18.3093, 18.5291

Deuteranopia

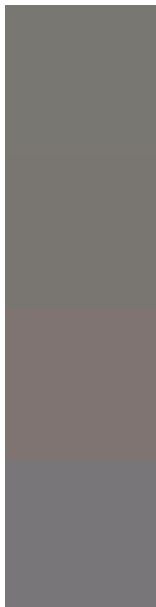
18.7410, 18.4048, 18.7844



Tritanopia

18.1532, 18.3665, 22.3270

Trichromacy



Original Color

17.3798, 18.4016, 18.5554

Protanomaly

17.4009, 18.2367, 18.5225

Deuteranomaly

18.2420, 18.3178, 18.7939

Tritanomaly

17.8764, 18.4270, 21.0269

Monochromacy



Original Color

17.3798, 18.4016, 18.5554

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.4155, 18.3999, 19.4633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3798, 18.4016, 18.5554 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(120, 119, 114)` looks like.

```
.text, #text, p{  
    color:rgb(120, 119, 114)  
}
```

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(120, 119, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 119, 114) }
```

Border

The CSS property to change the border of an element to XYZ 17.3798, 18.4016, 18.5554 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(120, 119, 114) }
```


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

```
.border{ border-color:rgb(120, 119, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 119, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 119, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 119, 114);  
box-shadow:4px 4px 4px 4px rgb(120, 119,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3798, 18.4016, 18.5554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 119, 114) }
```

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

```
.background{ background-color: rgb(120,  
119, 114) }
```

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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