

Converting Colors

XYZ(17.4918, 18.5738, 17.1131)

Have a look what the booklet for
XYZ(17.4918, 18.5738, 17.1131)
contains.

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Color

**XYZ(17.3832, 18.4354,
17.1102)**

Conversions

Conversions Part 1

Format	Color
Hex	7A776D
RGB	122, 119, 109
RGB Percent	48%, 47%, 43%
CMY	0.5216, 0.5333, 0.5725
CMYK	0.00, 0.02, 0.11, 0.52
HSL	46°, 6%, 45%
HSV	46°, 11%, 48%
XYZ	17.3832, 18.4354, 17.1102
YIQ	118.7570, 4.9980, -2.4740

Conversions

Conversions Part 2

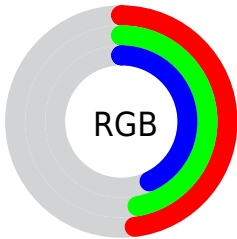
Format	Color
R_{YB}	113, 122, 109
Decimal	8025965
CIE Lab	50.02, -0.75, 5.90
CIE LCh	50, 5.949, 97.291
Yxy	18.4354, 0.3284, 0.3483
Android (android.graphics.Color)	4286216045 (0xFF7A776D)
YUV	118.7570, -4.8102, 2.8441
Hunter-Lab	42.9365, -2.8715, 6.4284

Details

The XYZ color **17.3832, 18.4354, 17.1102** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6136, 16.2444, 20.7251**, and the grayscale version is **17.4718, 18.3817, 20.0177**.

A 20% lighter version of the original color is **38.3636, 40.6626, 39.0844**, and **5.8704, 6.2707, 5.4584** is the 20% darker color. If you saturate the color by 10%, you get **16.4419, 17.5317, 13.7780**, and if you desaturate by 10%, it is **18.4266, 19.3970, 20.9267**.

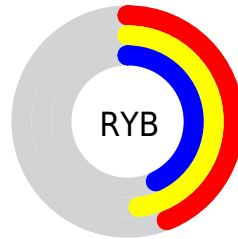
Distribution



Red (48%)

Green (47%)

Blue (43%)



Red (44%)

Yellow (48%)

Blue (43%)

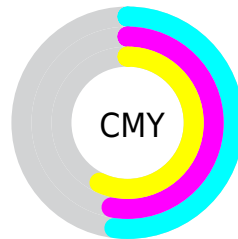


Cyan (0%)

Magenta (2%)

Yellow (11%)

Black (52%)



Cyan (52%)

Magenta (53%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3832, 18.4354, 17.1102 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 17.3832, 18.4354, 17.1102 by changing the saturation by 10% instead.

■ 17.3832, 18.4354,
17.1102

■ 17.3832, 18.4354,
17.1102

230.4845,
243.3139, 247.8720

■ 10.6051, 11.2630,
10.1503

■ 38.5218, 40.7779,
39.3084

■ 5.8673, 6.2440,
5.3918

■ 53.6131, 56.7167,
55.3838

■ 2.8044, 2.9940,
2.4162

■ 72.2060, 76.3465,
75.3347

■ 1.0512, 1.1286,
0.7953

■ 94.6661, 100.0517,
99.5798

■ 0.0000, 0.0022,
0.0000

121.3586,
128.2167, 128.5375

■ 0.0000, 0.0000,
0.0000

152.6490,

161.2257, 162.6264

188.9025,
199.4633, 202.2651

■ 17.3832, 18.4354,
17.1102

■ 17.3832, 18.4354,
17.1102

■ 16.4419, 17.5317,
13.7780

■ 18.4266, 19.3970,
20.9267

■ 15.5973, 16.6819,
10.9093

■ 19.5743, 20.4156,
25.2448

■ 14.8460, 15.8849,
8.4833

■ 20.8300, 21.4937,
30.0826

■ 14.1835, 15.1389,
6.4774

■ 22.1971, 22.6325,
35.4567

■ 13.6050, 14.4418,
4.8669

■ 23.6787, 23.8335,
41.3831

■ 13.1053, 13.7914,
3.6244

■ 25.2777, 25.0980,
47.8772

■ 12.6785, 13.1851,
2.7193

■ 26.9971, 26.4272,
54.9536

■ 12.3176, 12.6201,
2.1156

■ 28.8396, 27.8224,
62.6265

■ 12.0175, 12.1203,
1.7061

■ 30.8078, 29.2849,
70.9096

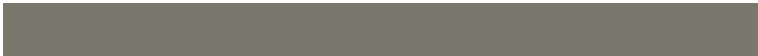
Harmonies

Analogous

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



17.9500, 18.4354, 17.3074



17.3832, 18.4354, 17.1102



16.8649, 18.4354, 17.6718

Triad

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



17.3832, 18.4354, 17.1102



16.6625, 18.4354, 22.0409



18.5557, 18.4354, 21.3127

Complementary

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



17.3832, 18.4354, 17.1102



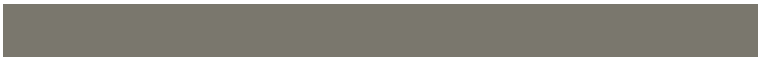
15.6136, 16.2444, 20.7251

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.



18.1966, 18.4354, 22.6825



17.3832, 18.4354, 17.1102



17.1015, 18.4354, 23.1186

Square

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



17.3832, 18.4354, 17.1102



16.4547, 18.4354, 20.4751



17.6621, 18.4354, 23.3595



18.6351, 18.4354, 19.6762

Rectangle

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



17.3832, 18.4354, 17.1102



16.6138, 18.4354, 18.4199



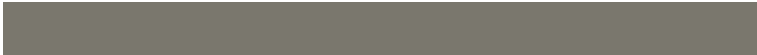
17.6621, 18.4354, 23.3595



18.4633, 18.4354, 21.8222

Sweetspot

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



17.3837, 18.4362, 17.1106



31.9576, 33.7071, 35.1136



16.4214, 16.2457, 17.6095



7.2765, 7.6792, 7.9158



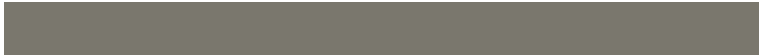
59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



17.3837, 18.4362, 17.1106



30.1254, 32.0021, 28.4624



17.2639, 18.9124, 17.2088



4.2331, 4.4847, 4.2670



12.6460, 12.7478, 1.7941



59.6545, 59.4725, 8.3352

Inverse Universe

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



15.6136, 16.2444, 20.7251



26.3022, 27.2679, 36.2699



15.7234, 15.8181, 20.6370



3.8657, 4.0297, 5.0173



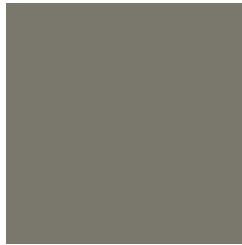
4.1332, 2.3488, 19.6208



19.1655, 10.1036, 93.4098

Previews

White Background



This preview shows how the XYZ color 17.3832, 18.4354, 17.1102 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 17.3832, 18.4354, 17.1102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

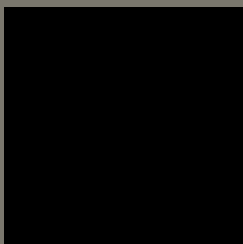
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

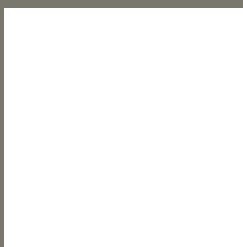
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3832, 18.4354, 17.1102

Background



This preview shows how black text looks on a background with the XYZ color 17.3832, 18.4354, 17.1102.

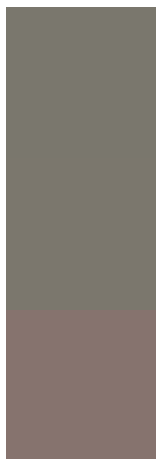


This preview shows how white text looks on a background with the XYZ color 17.3832, 18.4354,

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

17.3832, 18.4354, 17.1102

Protanopia

17.5255, 18.5087, 17.1168

Deuteranopia

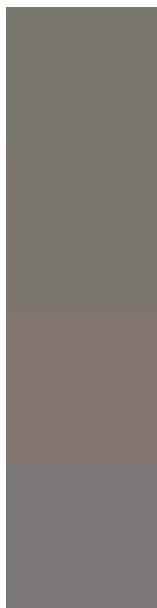
18.7767, 18.4556, 17.3245



Tritanopia

18.4394, 18.5140, 22.3404

Trichromacy



Original Color

17.3832, 18.4354, 17.1102

Protanomaly

17.5255, 18.5087, 17.1168

Deuteranomaly

18.2658, 18.3624, 17.3334

Tritanomaly

18.0370, 18.5239, 20.3941

Monochromacy



Original Color

17.3832, 18.4354, 17.1102

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.4371, 18.4245, 18.8569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3832, 18.4354, 17.1102 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(122, 119, 109)` looks like.

```
.text, #text, p{  
    color:rgb(122, 119, 109)  
}
```

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(122, 119, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 119, 109) }
```

Border

The CSS property to change the border of an element to XYZ 17.3832, 18.4354, 17.1102 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(122, 119, 109) }
```


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

```
.border{ border-color:rgb(122, 119, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 119, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 119, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 119, 109);  
box-shadow:4px 4px 4px 4px rgb(122, 119,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3832, 18.4354, 17.1102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 119, 109) }
```

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

```
.background{ background-color: rgb(122,  
119, 109) }
```

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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