

Converting Colors

XYZ(17.1544, 18.8870, 17.1628)

Have a look what the booklet for
XYZ(17.1544, 18.8870, 17.1628)
contains.

XYZ(17.1911, 18.8747, 17.2051)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.1911, 18.8747,
17.2051)**

Conversions

Conversions Part 1

Format	Color
Hex	767A6D
RGB	118, 122, 109
RGB Percent	46%, 48%, 43%
CMY	0.5373, 0.5216, 0.5725
CMYK	0.03, 0.00, 0.11, 0.52
HSL	78°, 6%, 45%
HSV	78°, 11%, 48%
XYZ	17.1911, 18.8747, 17.2051
YIQ	119.3220, 1.7890, -4.8910

Conversions

Conversions Part 2

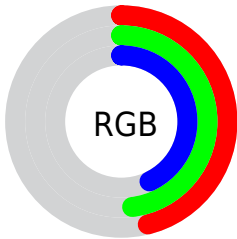
Format	Color
RYB	109, 122, 113
Decimal	7764589
CIELab	50.54, -4.05, 6.60
CIELCh	51, 7.741, 121.520
Yxy	18.8747, 0.3227, 0.3543
Android (android.graphics.Color)	4285954669 (0xFF767A6D)
YUV	119.3220, -5.0887, -1.1594
Hunter-Lab	43.4450, -5.3967, 6.9315

Details

The XYZ color **17.1911, 18.8747, 17.2051** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.7921, 15.8536, 20.6409**, and the grayscale version is **17.6523, 18.5716, 20.2244**.

A 20% lighter version of the original color is **38.0588, 41.3562, 39.2343**, and **5.7778, 6.4150, 5.4911** is the 20% darker color. If you saturate the color by 10%, you get **16.0798, 18.3730, 13.9594**, and if you desaturate by 10%, it is **18.4150, 19.4249, 20.9327**.

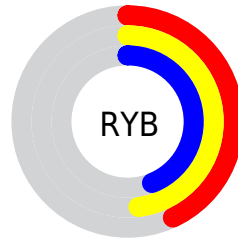
Distribution



Red (46%)

Green (48%)

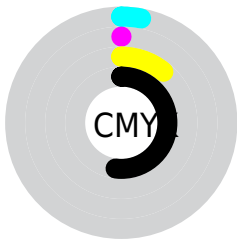
Blue (43%)



Red (43%)

Yellow (48%)

Blue (44%)

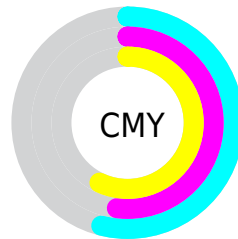


Cyan (3%)

Magenta (0%)

Yellow (11%)

Black (52%)



Cyan (54%)

Magenta (52%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1911, 18.8747, 17.2051 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 17.1911, 18.8747, 17.2051 by changing the saturation by 10% instead.

■ 17.1911, 18.8747,
17.2051

■ 17.1911, 18.8747,
17.2051

229.4061,
245.7562, 248.4354

■ 10.4670, 11.5798,
10.2173

■ 38.1950, 41.5223,
39.4736

■ 5.7743, 6.4582,
5.4358

■ 53.2056, 57.6437,
55.5913

■ 2.7477, 3.1257,
2.4420

■ 71.7090, 77.4761,
75.5895

■ 1.0218, 1.1977,
0.8092

■ 94.0705, 101.4038,
99.8866

■ 0.0000, 0.0598,
0.0000

120.6557,
129.8113, 128.9012

■ 0.0000, 0.0000,
0.0000

151.8298,

163.0829, 163.0519

187.9581,
201.6031, 202.7571

■ 17.1911, 18.8747,
17.2051

■ 17.1911, 18.8747,
17.2051

■ 16.0798, 18.3730,
13.9594

■ 18.4150, 19.4249,
20.9327

■ 15.0755, 17.9159,
11.1749

■ 19.7535, 20.0228,
25.1597

■ 14.1745, 17.5024,
8.8308

■ 21.2109, 20.6706,
29.9039

■ 13.3722, 17.1306,
6.9045

■ 22.7905, 21.3698,
35.1821

■ 12.6638, 16.7986,
5.3713

■ 24.4955, 22.1215,
41.0102

■ 12.0438, 16.5042,
4.2039

■ 26.3291, 22.9271,
47.4035

■ 11.5061, 16.2448,
3.3716

■ 28.2942, 23.7879,
54.3767

■ 11.0436, 16.0177,
2.8385

■ 30.3938, 24.7050,
61.9440

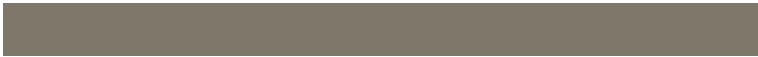
■ 10.6568, 15.8256,
2.4930

■ 32.6307, 25.6795,
70.1190

Harmonies

Analogous

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



17.9013, 18.8747, 16.6669



17.1911, 18.8747, 17.2051



16.6931, 18.8747, 18.6307

Triad

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



17.1911, 18.8747, 17.2051



17.2560, 18.8747, 24.4291



19.4314, 18.8747, 20.4412

Complementary

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



17.1911, 18.8747, 17.2051



15.7921, 15.8536, 20.6409

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.



19.2472, 18.8747, 22.5996



17.1911, 18.8747, 17.2051



17.9784, 18.8747, 24.9968

Square

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



17.1911, 18.8747, 17.2051



16.7298, 18.8747, 22.8038



18.7100, 18.8747, 24.3055



19.2068, 18.8747, 18.4523

Rectangle

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



17.1911, 18.8747, 17.2051



16.5411, 18.8747, 19.9439



18.7100, 18.8747, 24.3055



19.4152, 18.8747, 21.1709

Sweetspot

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



17.1916, 18.8755, 17.2055



31.8578, 33.9315, 35.1622



16.6809, 17.0302, 16.8762



7.2484, 7.7424, 7.9295



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.



17.1916, 18.8755, 17.2055



29.7054, 32.9634, 28.6701



16.3517, 18.4425, 17.1662



4.1934, 4.5750, 4.2865



11.2108, 16.6566, 2.6242



52.5761, 78.9894, 12.4754

Inverse Universe

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



15.7921, 15.8536, 20.6409



26.6831, 26.4371, 36.0894



16.6449, 16.2932, 20.6809



3.9030, 3.9479, 4.9995



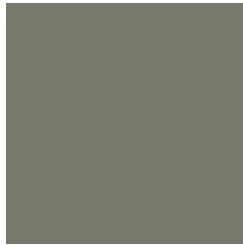
4.5147, 1.9002, 19.5141



20.7591, 8.6637, 93.0479

Previews

White Background



This preview shows how the XYZ color 17.1911, 18.8747, 17.2051 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 17.1911, 18.8747, 17.2051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

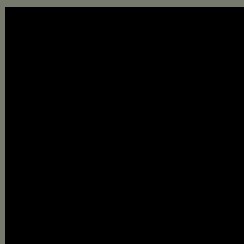
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

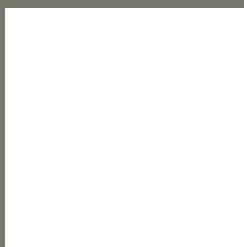
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1911, 18.8747, 17.2051

Background



This preview shows how black text looks on a background with the XYZ color 17.1911, 18.8747, 17.2051.

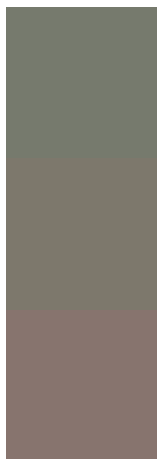


This preview shows how white text looks on a background with the XYZ color 17.1911, 18.8747,

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

17.1911, 18.8747, 17.2051

Protanopia

17.8807, 18.8756, 16.8883

Deuteranopia

19.0515, 18.7675, 17.3702



Tritanopia

18.4444, 18.8436, 23.4339

Trichromacy



Original Color

17.1911, 18.8747, 17.2051

Protanomaly

17.5702, 18.8950, 16.9084

Deuteranomaly

18.3462, 18.7498, 17.4040

Tritanomaly

17.9751, 18.8312, 21.0997

Monochromacy



Original Color

17.1911, 18.8747, 17.2051

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.4187, 18.5927, 18.8903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1911, 18.8747, 17.2051 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(118, 122, 109)` looks like.

```
.text, #text, p{  
    color:rgb(118, 122, 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(118, 122, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 122, 109) }
```

Border

The CSS property to change the border of an element to XYZ 17.1911, 18.8747, 17.2051 is called "border". The border property can be set on classes, ids or directly on the HTML element.

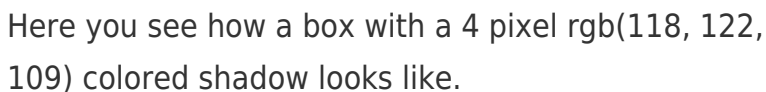
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 122, 109) }
```


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

```
.border{ border-color:rgb(118, 122, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 122, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 122, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 122, 109);  
box-shadow:4px 4px 4px 4px rgb(118, 122,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1911, 18.8747, 17.2051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 122, 109) }
```

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

```
.background{ background-color: rgb(118,  
122, 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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