

Converting Colors

XYZ(17.3409, 18.6767, 13.2743)

Have a look what the booklet for
XYZ(17.3409, 18.6767, 13.2743)
contains.

XYZ(17.3410, 18.6767, 13.2807)	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(17.3410, 18.6767,
13.2807)**

Conversions

Conversions Part 1

Format	Color
Hex	7E785E
RGB	126, 120, 94
RGB Percent	49%, 47%, 37%
CMY	0.5059, 0.5294, 0.6314
CMYK	0.00, 0.05, 0.25, 0.51
HSL	49°, 15%, 43%
HSV	49°, 25%, 49%
XYZ	17.3410, 18.6767, 13.2807
YIQ	118.8300, 11.9220, -6.8140

Conversions

Conversions Part 2

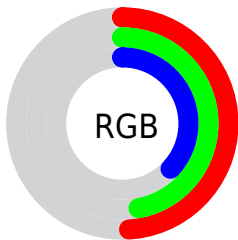
Format	Color
RYB	101, 126, 94
Decimal	8288350
CIELab	50.31, -2.22, 15.14
CIELCh	50, 15.298, 98.348
Yxy	18.6767, 0.3518, 0.3789
Android (android.graphics.Color)	4286478430 (0xFF7E785E)
YUV	118.8300, -12.2412, 6.2881
Hunter-Lab	43.2165, -4.0043, 12.0314

Details

The XYZ color **17.3410, 18.6767, 13.2807** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.9391, 13.0000, 21.5659**, and the grayscale version is **17.5160, 18.4282, 20.0683**.

A 20% lighter version of the original color is **38.3770, 41.1024, 32.2964**, and **5.9114, 6.4259, 3.7251** is the 20% darker color. If you saturate the color by 10%, you get **16.5408, 17.9085, 10.4486**, and if you desaturate by 10%, it is **18.2415, 19.4976, 16.6021**.

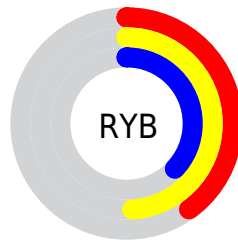
Distribution



Red (49%)

Green (47%)

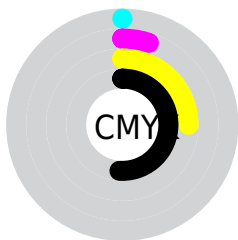
Blue (37%)



Red (40%)

Yellow (49%)

Blue (37%)

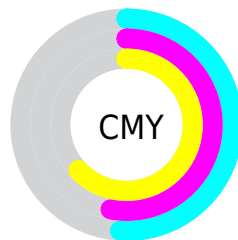


Cyan (0%)

Magenta (5%)

Yellow (25%)

Black (51%)



Cyan (51%)

Magenta (53%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3410, 18.6767, 13.2807 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 17.3410, 18.6767, 13.2807 by changing the saturation by 10% instead.

■ 17.3410, 18.6767,
13.2807

■ 17.3410, 18.6767,
13.2807

230.2480,
244.6581, 223.9795

■ 10.5747, 11.4369,
7.4891

■ 38.4501, 41.1871,
32.5057

■ 5.8468, 6.3615,
3.6868

■ 53.5236, 57.2265,
46.7762

■ 2.7919, 3.0661,
1.4551

■ 72.0970, 76.9678,
64.7101

■ 1.0447, 1.1664,
0.1842

■ 94.5354, 100.7955,
86.7260

■ 0.0000, 0.0340,
0.0000

121.2044,
129.0940, 113.2423

■ 0.0000, 0.0000,
0.0000

152.4693,

162.2477, 144.6776

188.6954,
200.6409, 181.4505

■ 17.3410, 18.6767,
13.2807

■ 17.3410, 18.6767,
13.2807

■ 16.5408, 17.9085,
10.4486

■ 18.2415, 19.4976,
16.6021

■ 15.8350, 17.1884,
8.0810

■ 19.2450, 20.3703,
20.4337

■ 15.2191, 16.5154,
6.1529

■ 20.3561, 21.2974,
24.7965

■ 14.6877, 15.8872,
4.6362

■ 21.5784, 22.2804,
29.7099

■ 14.2349, 15.3013,
3.4996

■ 22.9155, 23.3209,
35.1924

■ 13.8538, 14.7549,
2.7074

■ 24.3709, 24.4203,
41.2618

■ 13.5336, 14.2435,
2.2026

■ 25.9478, 25.5799,
47.9349

■ 13.3937, 14.0147,
1.9992

■ 27.6492, 26.8011,
55.2278

■ 29.4782, 28.0852,
63.1563

Harmonies

Analogous

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



18.8243, 18.6767, 13.6526



17.3410, 18.6767, 13.2807



16.0411, 18.6767, 14.5817

Triad

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



17.3410, 18.6767, 13.2807



15.6086, 18.6767, 25.8330



20.5351, 18.6767, 23.4991

Complementary

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



17.3410, 18.6767, 13.2807



12.9391, 13.0000, 21.5659

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.



19.5796, 18.6767, 27.4337



17.3410, 18.6767, 13.2807



16.7205, 18.6767, 28.9063

Square

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



17.3410, 18.6767, 13.2807



15.0780, 18.6767, 21.5442



18.1687, 18.6767, 29.5296



20.7240, 18.6767, 19.1734

Rectangle

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



17.3410, 18.6767, 13.2807



15.4340, 18.6767, 16.3455



18.1687, 18.6767, 29.5296



20.2904, 18.6767, 24.9277

Sweetspot

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



17.3415, 18.6775, 13.2811



33.3637, 35.4179, 33.9929



14.9267, 13.3691, 13.9524



7.5361, 8.0106, 7.5291



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.



17.3415, 18.6775, 13.2811



29.7559, 32.1475, 20.6281



16.7371, 19.4704, 13.4660



4.5990, 4.8867, 4.6210



13.7378, 14.3721, 2.0500



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.9391, 13.0000, 21.5659



20.7341, 20.5142, 37.6112



13.4314, 12.4312, 21.4302



4.1691, 4.3321, 5.4297



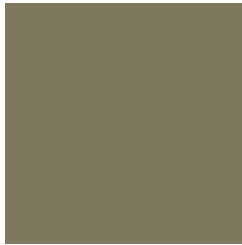
4.1879, 2.1943, 20.4528



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.3410, 18.6767, 13.2807 looks on a white background.

Color Contrast Check

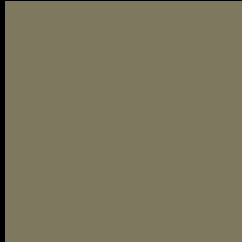
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3410, 18.6767, 13.2807 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

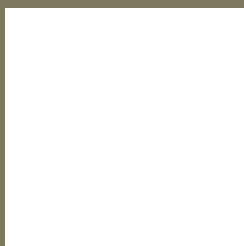
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3410, 18.6767, 13.2807

Background



This preview shows how black text looks on a background with the XYZ color 17.3410, 18.6767, 13.2807.



This preview shows how white text looks on a background with the XYZ color 17.3410, 18.6767,

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

17.3410, 18.6767, 13.2807

Protanopia

17.6389, 18.8303, 13.2946

Deuteranopia

19.0115, 18.6631, 13.4268



Tritanopia

19.1530, 18.7173, 22.0054

Trichromacy



Original Color

17.3410, 18.6767, 13.2807

Protanomaly

17.4892, 18.7531, 13.2876

Deuteranomaly

18.4185, 18.6997, 13.4651

Tritanomaly

18.4518, 18.6046, 18.5381

Monochromacy



Original Color

17.3410, 18.6767, 13.2807

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.4373, 18.4570, 17.3954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3410, 18.6767, 13.2807 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(126, 120, 94)` looks like.

```
.text, #text, p{  
    color:rgb(126, 120, 94)  
}
```

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(126, 120, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 120, 94) }
```

Border

The CSS property to change the border of an element to XYZ 17.3410, 18.6767, 13.2807 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(126, 120, 94) }
```


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

```
.border{ border-color:rgb(126, 120, 94) }
```

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

Here you see how a box with a 4 pixel rgb(126, 120, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 120, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 120, 94);  
box-shadow:4px 4px 4px 4px rgb(126, 120,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3410, 18.6767, 13.2807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 120, 94) }
```

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

```
.background{ background-color: rgb(126,  
120, 94) }
```

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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