

Converting Colors

XYZ(17.5160, 24.3972, 1.6603)

Have a look what the booklet for
XYZ(17.5160, 24.3972, 1.6603)
contains.

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Color

**XYZ(17.8866, 24.4797,
3.7823)**

Conversions

Conversions Part 1

Format	Color
Hex	779200
RGB	119, 146, 0
RGB Percent	47%, 57%, 0%
CMY	0.5333, 0.4274, 1.0000
CMYK	0.18, 0.00, 1.00, 0.43
HSL	71°, 100%, 29%
HSV	71°, 100%, 57%
XYZ	17.8866, 24.4797, 3.7823
YIQ	121.2830, 30.7740, -51.1300

Conversions

Conversions Part 2

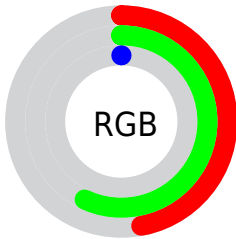
Format	Color
RYB	0, 146, 27
Decimal	7836160
CIELab	56.56, -26.25, 59.85
CIElCh	57, 65.359, 113.682
Yxy	24.4797, 0.3876, 0.5305
Android (android.graphics.Color)	4286026240 (0xFF779200)
YUV	121.2830, -59.7925, -2.0022
Hunter-Lab	49.4770, -22.0545, 30.1014

Details

The XYZ color **17.8866, 24.4797, 3.7823** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5.6411, 2.3089, 27.3440**, and the grayscale version is **18.4473, 19.4079, 21.1353**.

A 20% lighter version of the original color is **39.4390, 50.8647, 13.5336**, and **6.3390, 9.3427, 1.4692** is the 20% darker color. If you saturate the color by 10%, you get **17.8868, 24.4806, 3.7825**, and if you desaturate by 10%, it is **18.3465, 24.7080, 4.2397**.

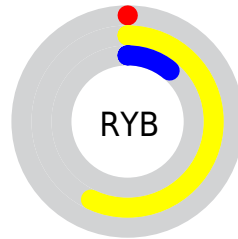
Distribution



Red (47%)

Green (57%)

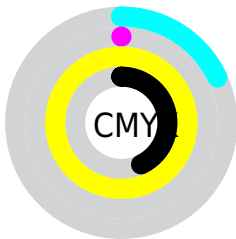
Blue (0%)



Red (0%)

Yellow (57%)

Blue (11%)

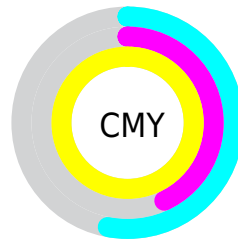


Cyan (18%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (53%)

Magenta (43%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8866, 24.4797, 3.7823 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 17.8866, 24.4797, 3.7823 by changing the saturation by 10% instead.

■ 17.8866, 24.4797,
3.7823

■ 17.8866, 24.4797,
3.7823

233.2891,
275.2368, 145.7740

■ 10.9678, 15.6898,
1.5067

■ 39.3756, 50.8119,
13.5045

■ 6.1123, 9.3049,
0.2229

■ 54.6765, 69.1230,
21.7881

■ 2.9548, 4.9406,
0.0000

■ 73.5022, 91.3766,
32.9116

■ 1.1299, 2.2125,
0.0000

■ 96.2179, 117.9572,
47.2933


■ 0.0499, 0.7268,
0.0000


■ 123.1891,
149.2491, 65.3518


■ 0.0000, 0.0000,
0.0000


■ 154.7811,


185.6368, 87.5058


 191.3593,
227.5045, 114.1737


 17.8866, 24.4797,
3.7823


 17.8866, 24.4797,
3.7823


 17.8868, 24.4806,
3.7825

 18.3465, 24.7080,
4.2397

 18.8740, 24.9636,
4.9998

 19.4980, 25.2591,
6.2122

 20.2292, 25.5988,
7.9330

 21.0769, 25.9862,
10.2104

■ 22.0493, 26.4248,
13.0870

■ 23.1536, 26.9175,
16.6011

■ 24.3967, 27.4670,
20.7879

■ 25.7848, 28.0757,
25.6802

Harmonies

Analogous

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



24.9095, 24.4797, 2.9620



17.8866, 24.4797, 3.7823



13.3825, 24.4797, 8.7790

Triad

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



17.8866, 24.4797, 3.7823



15.6536, 24.4797, 76.4676



40.9839, 24.4797, 31.5203

Complementary

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



17.8866, 24.4797, 3.7823



5.6411, 2.3089, 27.3440

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.



37.1095, 24.4797, 59.8388



17.8866, 24.4797, 3.7823



21.6988, 24.4797, 93.4622

Square

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



17.8866, 24.4797, 3.7823



12.3028, 24.4797, 47.1997



29.6313, 24.4797, 86.1291



39.3439, 24.4797, 13.1501

Rectangle

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



17.8866, 24.4797, 3.7823



11.8886, 24.4797, 16.5560



29.6313, 24.4797, 86.1291



40.2604, 24.4797, 40.1978

Sweetspot

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



17.8872, 24.4808, 3.7828



40.7168, 47.4267, 28.8704



12.2416, 6.8850, 0.6840



8.8906, 10.4761, 5.8819



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.8872, 24.4808, 3.7828



31.4208, 43.1163, 6.6662



11.4171, 21.1454, 3.4800



6.1614, 6.6910, 6.2072



15.7568, 21.5508, 3.3293



0.2148, 0.2751, 0.0418

Inverse Universe

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



5.6411, 2.3089, 27.3440



9.8426, 4.0168, 48.2301



10.4191, 4.7720, 27.5676



5.5937, 5.6815, 7.2716



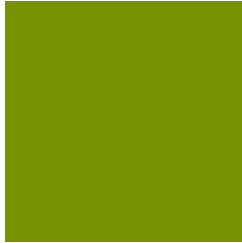
4.9783, 2.0390, 24.0622



0.0795, 0.0345, 0.2954

Previews

White Background



This preview shows how the XYZ color 17.8866, 24.4797, 3.7823 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 17.8866, 24.4797, 3.7823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

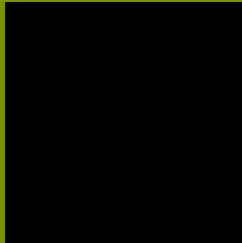
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.8866, 24.4797, 3.7823

Background



This preview shows how black text looks on a background with the XYZ color 17.8866, 24.4797, 3.7823.



This preview shows how white text looks on a background with the XYZ color 17.8866, 24.4797,

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

17.8866, 24.4797, 3.7823

Protanopia

21.9410, 24.3806, 3.5495

Deuteranopia

24.7002, 24.1709, 4.3409



Tritanopia

23.3525, 24.5089, 30.6940

Trichromacy



Original Color

17.8866, 24.4797, 3.7823

Protanomaly

20.3626, 24.4189, 3.6401

Deuteranomaly

21.7140, 24.0438, 4.0268

Tritanomaly

20.1063, 24.0585, 13.9400

Monochromacy



Original Color

17.8866, 24.4797, 3.7823

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.0679, 20.4942, 10.0774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8866, 24.4797, 3.7823 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(119, 146, 0)` looks like.

```
.text, #text, p{  
    color:rgb(119, 146, 0)  
}
```

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(119, 146, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 146, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.8866, 24.4797, 3.7823 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(119, 146, 0) }
```


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

```
.border{ border-color:rgb(119, 146, 0) }
```

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

Here you see how a box with a 4 pixel rgb(119, 146, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 146, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 146, 0);  
box-shadow:4px 4px 4px 4px rgb(119, 146,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8866, 24.4797, 3.7823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 146, 0) }
```

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

```
.background{ background-color: rgb(119,  
146, 0) }
```

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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