

Converting Colors

XYZ(17.3818, 10.9796, 1.6186)

Have a look what the booklet for
XYZ(17.3818, 10.9796, 1.6186)
contains.

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Color

**XYZ(17.3818, 10.9796,
1.6186)**

Conversions

Conversions Part 1

Format	Color
Hex	A7370E
RGB	167, 55, 14
RGB Percent	65%, 22%, 5%
CMY	0.3451, 0.7843, 0.9451
CMYK	0.00, 0.67, 0.92, 0.35
HSL	16°, 85%, 35%
HSV	16°, 92%, 65%
XYZ	17.3818, 10.9796, 1.6186
YIQ	83.8140, 79.9130, 10.9930

Conversions

Conversions Part 2

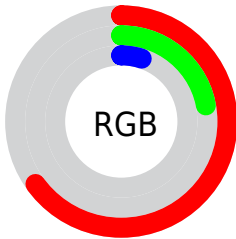
Format	Color
RYB	167, 70, 14
Decimal	10958606
CIELab	39.55, 44.38, 46.59
CIELCh	40, 64.349, 46.391
Yxy	10.9796, 0.5798, 0.3662
Android (android.graphics.Color)	4289148686 (0xFFA7370E)
YUV	83.8140, -34.4183, 72.9541
Hunter-Lab	33.1355, 35.6482, 20.2986

Details

The XYZ color **17.3818, 10.9796, 1.6186** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **14.6160, 17.8032, 39.2249**, and the grayscale version is **8.4462, 8.8861, 9.6770**.

A 20% lighter version of the original color is **38.4680, 27.5323, 7.9894**, and **6.0634, 3.1258, 0.2838** is the 20% darker color. If you saturate the color by 10%, you get **16.8654, 10.0739, 1.0555**, and if you desaturate by 10%, it is **18.2006, 12.3547, 2.7012**.

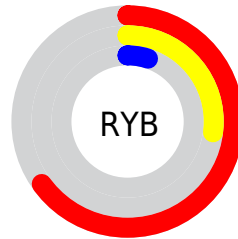
Distribution



Red (65%)

Green (22%)

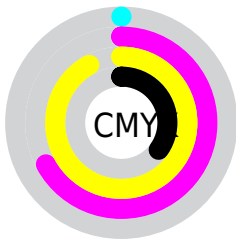
Blue (5%)



Red (65%)

Yellow (27%)

Blue (5%)

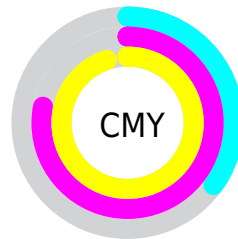


Cyan (0%)

Magenta (67%)

Yellow (92%)

Black (35%)



Cyan (35%)


Magenta (78%)


Yellow (95%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3818, 10.9796, 1.6186 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 17.3818, 10.9796, 1.6186 by changing the saturation by 10% instead.


 17.3818, 10.9796,
1.6186


 17.3818, 10.9796,
1.6186


 230.4767,
197.5275, 116.1412


 10.6041, 6.0531,
0.3040


 38.5195, 27.6224,
7.9691


 5.8666, 2.8774,
0.0000

 53.6101, 40.1076,
13.9814


 2.8040, 1.0681,
0.0000

 72.2024, 55.8811,
22.4430

 1.0510, 0.0000,
0.0000

 94.6618, 75.3273,
33.7726


 0.0000, 0.0000,
0.0000


 121.3535, 98.8307,
48.3887


 152.6430,


126.7756, 66.7098


 188.8956,
159.5464, 89.1545


 17.3818, 10.9796,
1.6186


 17.3818, 10.9796,
1.6186


 16.8654, 10.0739,
1.0555

 18.2006, 12.3547,
2.7012

 19.2864, 14.0819,
4.4335

 20.6640, 16.1857,
6.9006

 22.3546, 18.6878,
10.1744

 24.3774, 21.6081,
14.3180

■ 26.7501, 24.9652,
19.3884

■ 29.4887, 28.7763,
25.4376

■ 32.6084, 33.0579,
32.5137

■ 36.1237, 37.8255,
40.6616

Harmonies

Analogous

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



20.7685, 10.9796, 6.3625



17.3818, 10.9796, 1.6186



12.5435, 10.9796, 0.3944

Triad

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



17.3818, 10.9796, 1.6186



4.2079, 10.9796, 7.1340



12.9949, 10.9796, 53.1783

Complementary

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



17.3818, 10.9796, 1.6186



14.6160, 17.8032, 39.2249

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.



8.5785, 10.9796, 54.0016



17.3818, 10.9796, 1.6186



4.2659, 10.9796, 20.1261

Square

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



17.3818, 10.9796, 1.6186



5.4520, 10.9796, 1.8467



5.6415, 10.9796, 39.2691



17.7909, 10.9796, 37.4692

Rectangle

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



17.3818, 10.9796, 1.6186



9.5269, 10.9796, 0.2960



5.6415, 10.9796, 39.2691



11.4007, 10.9796, 55.4540

Sweetspot

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



17.3820, 10.9802, 1.6188



49.8514, 47.4283, 38.9776



19.8721, 10.0410, 20.6971



10.8097, 10.1300, 7.9638



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



17.3820, 10.9802, 1.6188



30.0588, 17.7490, 1.8416



24.1721, 24.5604, 3.8821



7.6886, 7.8573, 7.9006



12.9414, 7.7800, 0.8196



0.3560, 0.2716, 0.0337

Inverse Universe

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



14.6160, 17.8032, 39.2249



24.8310, 29.6750, 69.8944



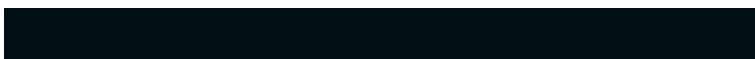
8.2840, 5.1391, 37.1142



7.5749, 8.1868, 9.5993



10.7274, 12.9149, 29.9029



0.2997, 0.3917, 0.7405

Previews

White Background



This preview shows how the XYZ color 17.3818, 10.9796, 1.6186 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

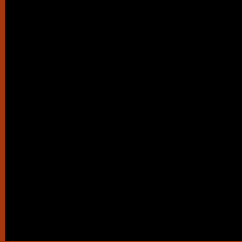
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.3818, 10.9796, 1.6186

Background



This preview shows how black text looks on a background with the XYZ color 17.3818, 10.9796, 1.6186.



This preview shows how white text looks on a background with the XYZ color 17.3818, 10.9796,

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

17.3818, 10.9796, 1.6186

Protanopia

10.1114, 11.1355, 2.4806

Deuteranopia

11.1801, 11.0667, 1.5468



Tritanopia

17.9981, 10.9588, 4.6567

Trichromacy



Original Color

17.3818, 10.9796, 1.6186

Protanomaly

11.8970, 10.3770, 2.0377

Deuteranomaly

12.8346, 10.5530, 1.5040

Tritanomaly

17.7426, 10.9273, 3.0935

Monochromacy



Original Color

17.3818, 10.9796, 1.6186

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

10.1114, 8.6583, 5.2760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3818, 10.9796, 1.6186 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(167, 55, 14)` looks like.

```
.text, #text, p{  
    color:rgb(167, 55, 14)  
}
```

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(167, 55, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 55, 14) }
```

Border

The CSS property to change the border of an element to XYZ 17.3818, 10.9796, 1.6186 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(167, 55, 14) }
```


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

```
.border{ border-color:rgb(167, 55, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 55, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 55, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 55, 14);  
box-shadow:4px 4px 4px 4px rgb(167, 55,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3818, 10.9796, 1.6186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 55, 14) }
```

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

```
.background{ background-color: rgb(167, 55,  
14) }
```

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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