

Converting Colors

XYZ(19.2672, 17.8932, 2.4382)

Have a look what the booklet for
XYZ(19.2672, 17.8932, 2.4382)
contains.

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Color

**XYZ(19.2672, 17.8932,
2.4382)**

Conversions

Conversions Part 1

Format	Color
Hex	9D6C00
RGB	157, 108, 0
RGB Percent	62%, 42%, 0%
CMY	0.3843, 0.5765, 1.0000
CMYK	0.00, 0.31, 1.00, 0.38
HSL	41°, 100%, 31%
HSV	41°, 100%, 62%
XYZ	19.2672, 17.8932, 2.4382
YIQ	110.3390, 63.8720, -23.2000

Conversions

Conversions Part 2

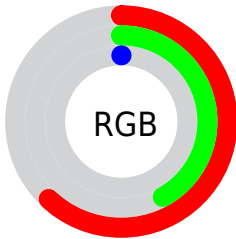
Format	Color
RYB	71, 157, 0
Decimal	10316800
CIELab	49.37, 11.97, 56.33
CIElCh	49, 57.585, 78.006
Yxy	17.8932, 0.4866, 0.4519
Android (android.graphics.Color)	4288506880 (0xFF9D6C00)
YUV	110.3390, -54.3971, 40.9217
Hunter-Lab	42.3004, 7.2785, 26.1928

Details

The XYZ color **19.2672, 17.8932, 2.4382** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.1841, 4.6310, 32.4133**, and the grayscale version is **15.0579, 15.8421, 17.2521**.

A 20% lighter version of the original color is **41.6142, 39.7541, 10.1826**, and **6.9243, 6.0468, 0.8022** is the 20% darker color. If you saturate the color by 10%, you get **19.2674, 17.8938, 2.4383**, and if you desaturate by 10%, it is **19.8903, 18.9934, 3.0965**.

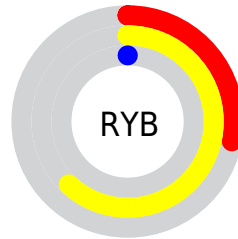
Distribution



Red (62%)

Green (42%)

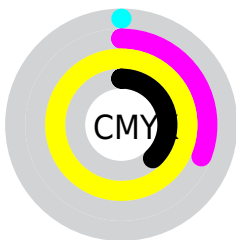
Blue (0%)



Red (28%)

Yellow (62%)

Blue (0%)

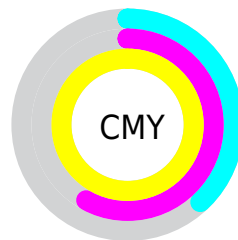


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (38%)



Cyan (38%)


Magenta (58%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.2672, 17.8932, 2.4382 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 19.2672, 17.8932, 2.4382 by changing the saturation by 10% instead.


 19.2672, 17.8932,
2.4382


 19.2672, 17.8932,
2.4382


240.8298,
240.2684, 128.8478

 11.9687, 10.8733,
0.8071


 41.6985, 39.8553,
10.2075


 6.7944, 5.9817,
0.0000


 57.5620, 55.5662,
17.1912


 3.3790, 2.8340,
0.0000

 77.0112, 74.9431,
26.7989

 1.3572, 1.0457,
0.0000

 100.4114, 98.3701,
39.4493


 0.2254, 0.0000,
0.0000


 128.1280,
126.2317, 55.5608


 0.0000, 0.0000,
0.0000


 160.5264,


158.9124, 75.5521


 197.9718,
196.7965, 99.8416


 19.2672, 17.8932,
2.4382


 19.2672, 17.8932,
2.4382


 19.2674, 17.8938,
2.4383

 19.8903, 18.9934,
3.0965

 20.6126, 20.1798,
4.1332

 21.4660, 21.4666,
5.7125

 22.4638, 22.8597,
7.9025

 23.6175, 24.3646,
10.7610

■ 24.9371, 25.9858,
14.3393

■ 26.4318, 27.7278,
18.6835

■ 28.1101, 29.5945,
23.8359

■ 29.9797, 31.5896,
29.8356

Harmonies

Analogous

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



24.9811, 17.8932, 4.6488



19.2672, 17.8932, 2.4382



13.9828, 17.8932, 2.6467

Triad

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



19.2672, 17.8932, 2.4382



8.8926, 17.8932, 30.2494



25.9940, 17.8932, 47.0722

Complementary

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



19.2672, 17.8932, 2.4382



7.1841, 4.6310, 32.4133

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.



20.4384, 17.8932, 63.9212



19.2672, 17.8932, 2.4382



10.9408, 17.8932, 51.1744

Square

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



19.2672, 17.8932, 2.4382



8.7101, 17.8932, 13.9124



14.9308, 17.8932, 65.7282



29.3822, 17.8932, 26.3708

Rectangle

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



19.2672, 17.8932, 2.4382



11.3602, 17.8932, 4.1537



14.9308, 17.8932, 65.7282



24.2698, 17.8932, 53.7593

Sweetspot

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



19.2676, 17.8941, 2.4385



47.1728, 49.4708, 32.9698



14.4743, 7.3960, 3.6507



10.1437, 10.6135, 6.5576



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



19.2676, 17.8941, 2.4385



34.3290, 31.6917, 4.3078



20.9917, 28.7199, 4.4373



6.9954, 7.3708, 7.0397



15.6828, 14.6012, 1.9917



0.3162, 0.3327, 0.0475

Inverse Universe

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



7.1841, 4.6310, 32.4133



12.7136, 7.9887, 57.9986



6.5865, 2.6925, 32.0707



6.4452, 6.7562, 8.3711



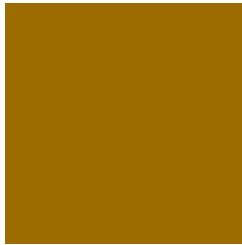
5.8647, 3.8209, 26.3356



0.1402, 0.1390, 0.4827

Previews

White Background



This preview shows how the XYZ color 19.2672, 17.8932, 2.4382 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



This preview shows how the XYZ color 19.2672, 17.8932, 2.4382 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 19.2672, 17.8932, 2.4382

Background



This preview shows how black text looks on a background with the XYZ color 19.2672, 17.8932, 2.4382.



This preview shows how white text looks on a background with the XYZ color 19.2672, 17.8932,

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

19.2672, 17.8932, 2.4382

Protanopia

16.2061, 17.9653, 2.9007

Deuteranopia

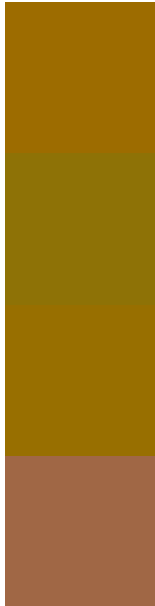
18.1886, 17.9779, 2.5114



Tritanopia

22.1642, 17.8784, 16.4701

Trichromacy



Original Color

19.2672, 17.8932, 2.4382

Protanomaly

17.2055, 17.7986, 2.7009

Deuteranomaly

18.6333, 18.0443, 2.5008

Tritanomaly

20.4216, 17.6037, 7.9518

Monochromacy



Original Color

19.2672, 17.8932, 2.4382

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.3265, 15.8915, 8.0539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2672, 17.8932, 2.4382 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(157, 108, 0)` looks like.

```
.text, #text, p{  
    color:rgb(157, 108, 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(157, 108, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 108, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.2672, 17.8932, 2.4382 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(157, 108, 0) }
```


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

```
.border{ border-color:rgb(157, 108, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 108, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 108, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 108, 0);  
box-shadow:4px 4px 4px 4px rgb(157, 108,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2672, 17.8932, 2.4382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 108, 0) }
```

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

```
.background{ background-color: rgb(157,  
108, 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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