

Converting Colors

XYZ(17.4696, 16.1448, 2.1955)

Have a look what the booklet for
XYZ(17.4696, 16.1448, 2.1955)
contains.

XYZ(17.4279, 16.1845, 2.2054)	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(17.4279, 16.1845,
2.2054)**

Conversions

Conversions Part 1

Format	Color
Hex	966700
RGB	150, 103, 0
RGB Percent	59%, 40%, 0%
CMY	0.4118, 0.5961, 1.0000
CMYK	0.00, 0.31, 1.00, 0.41
HSL	41°, 100%, 29%
HSV	41°, 100%, 59%
XYZ	17.4279, 16.1845, 2.2054
YIQ	105.3110, 61.0750, -22.0690

Conversions

Conversions Part 2

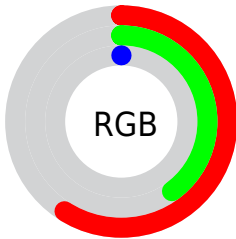
Format	Color
RYB	68, 150, 0
Decimal	9856768
CIELab	47.22, 11.58, 54.47
CIELCh	47, 55.691, 78.003
Yxy	16.1845, 0.4866, 0.4519
Android (android.graphics.Color)	4288046848 (0xFF966700)
YUV	105.3110, -51.9183, 39.1923
Hunter-Lab	40.2300, 6.9250, 24.9107

Details

The XYZ color **17.4279, 16.1845, 2.2054** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.5216, 4.2352, 29.3276**, and the grayscale version is **13.6373, 14.3475, 15.6245**.

A 20% lighter version of the original color is **38.7196, 37.0143, 9.6612**, and **6.0303, 5.2080, 0.6874** is the 20% darker color. If you saturate the color by 10%, you get **17.4280, 16.1849, 2.2054**, and if you desaturate by 10%, it is **17.9952, 17.1813, 2.8200**.

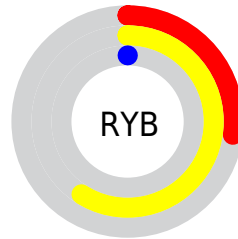
Distribution



Red (59%)

Green (40%)

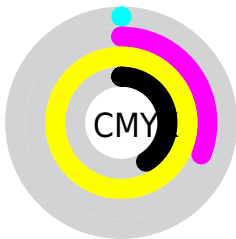
Blue (0%)



Red (27%)

Yellow (59%)

Blue (0%)

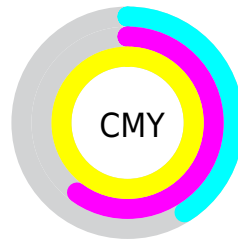


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (41%)



Cyan (41%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4279, 16.1845, 2.2054 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 17.4279, 16.1845, 2.2054 by changing the saturation by 10% instead.

■ 17.4279, 16.1845,
2.2054

■ 17.4279, 16.1845,
2.2054

230.7348,
230.4280, 125.4889

■ 10.6372, 9.6548,
0.6775

■ 38.5978, 36.9182,
9.5951

■ 5.8889, 5.1707,
0.0000

■ 53.7078, 51.8910,
16.3215

■ 2.8177, 2.3478,
0.0000

■ 72.3215, 70.4470,
25.6269

■ 1.0581, 0.7988,
0.0000


■ 94.8044, 92.9705,
37.9299


■ 0.0000, 0.0000,
0.0000


■ 121.5219,
119.8459, 53.6491


■ 152.8392,


151.4578, 73.2029


 189.1217,
188.1903, 97.0100


 17.4279, 16.1845,
2.2054


 17.4279, 16.1845,
2.2054


 17.4280, 16.1849,
2.2054

 17.9952, 17.1813,
2.8200

 18.6508, 18.2554,
3.7694

 19.4247, 19.4202,
5.2080

 20.3287, 20.6810,
7.1963

 21.3731, 22.0427,
9.7859

■ 22.5668, 23.5093,
13.0226

■ 23.9181, 25.0848,
16.9475

■ 25.4344, 26.7728,
21.5984

■ 27.1227, 28.5765,
27.0102

Harmonies

Analogous

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



22.5962, 16.1845, 4.2052



17.4279, 16.1845, 2.2054



12.6480, 16.1845, 2.3938

Triad

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



17.4279, 16.1845, 2.2054



8.0433, 16.1845, 27.3588



23.5113, 16.1845, 42.5795

Complementary

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



17.4279, 16.1845, 2.2054



6.5216, 4.2352, 29.3276

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.



18.4860, 16.1845, 57.8186



17.4279, 16.1845, 2.2054



9.8957, 16.1845, 46.2858

Square

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



17.4279, 16.1845, 2.2054



7.8784, 16.1845, 12.5825



13.5044, 16.1845, 59.4512



26.5763, 16.1845, 23.8545

Rectangle

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



17.4279, 16.1845, 2.2054



10.2757, 16.1845, 3.7566



13.5044, 16.1845, 59.4512



21.9517, 16.1845, 48.6279

Sweetspot

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



17.4283, 16.1853, 2.2057



42.0605, 44.0985, 29.4611



13.1010, 6.6934, 3.3444



9.1145, 9.5347, 5.9197



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.4283, 16.1853, 2.2057



30.5952, 28.2397, 3.8383



19.0034, 25.9867, 4.0145



6.1137, 6.4412, 6.1615



14.4840, 13.4824, 1.8390



0.2037, 0.2179, 0.0313

Inverse Universe

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



6.5216, 4.2352, 29.3276



11.3690, 7.1938, 51.7106



5.9705, 2.4421, 29.0106



5.6389, 5.9119, 7.3136



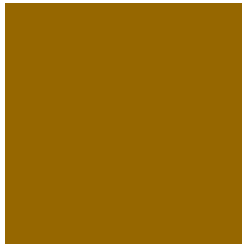
5.4349, 3.5645, 24.3326



0.0906, 0.0917, 0.3058

Previews

White Background



This preview shows how the XYZ color 17.4279, 16.1845, 2.2054 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 17.4279, 16.1845, 2.2054

Background



This preview shows how black text looks on a background with the XYZ color 17.4279, 16.1845, 2.2054.



This preview shows how white text looks on a background with the XYZ color 17.4279, 16.1845,

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

17.4279, 16.1845, 2.2054

Protanopia

14.7123, 16.3442, 2.6665

Deuteranopia

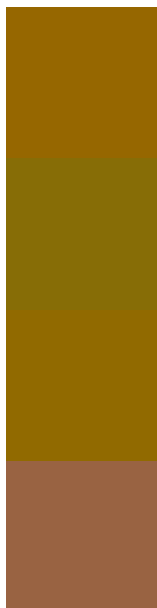
16.4130, 16.2662, 2.2746



Tritanopia

19.9575, 16.2150, 14.9099

Trichromacy



Original Color

17.4279, 16.1845, 2.2054

Protanomaly

15.4932, 16.1013, 2.4636

Deuteranomaly

16.8311, 16.3278, 2.2645

Tritanomaly

18.5821, 16.0893, 7.2804

Monochromacy



Original Color

17.4279, 16.1845, 2.2054

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.8486, 14.3708, 7.3541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4279, 16.1845, 2.2054 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(150, 103, 0)` looks like.

```
.text, #text, p{  
    color:rgb(150, 103, 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(150, 103, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 103, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.4279, 16.1845, 2.2054 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(150, 103, 0) }
```


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

```
.border{ border-color:rgb(150, 103, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 103, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 103, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 103, 0);  
box-shadow:4px 4px 4px 4px rgb(150, 103,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4279, 16.1845, 2.2054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 103, 0) }
```

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

```
.background{ background-color: rgb(150,  
103, 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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