

Converting Colors

XYZ(16.4052, 17.3538, 0.0000)

Have a look what the booklet for
XYZ(16.4052, 17.3538, 0.0000)
contains.

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Color

**XYZ(16.8896, 17.4730,
2.4824)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7100
RGB	141, 113, 0
RGB Percent	55%, 44%, 0%
CMY	0.4471, 0.5568, 1.0000
CMYK	0.00, 0.20, 1.00, 0.45
HSL	48°, 100%, 28%
HSV	48°, 100%, 55%
XYZ	16.8896, 17.4730, 2.4824
YIQ	108.4900, 52.9610, -29.2070

Conversions

Conversions Part 2

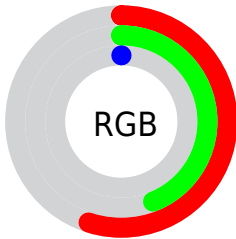
Format	Color
RYB	35, 141, 0
Decimal	9269504
CIELab	48.85, 1.57, 55.10
CIELCh	49, 55.123, 88.364
Yxy	17.4730, 0.4584, 0.4742
Android (android.graphics.Color)	4287459584 (0xFF8D7100)
YUV	108.4900, -53.4856, 28.5113
Hunter-Lab	41.8007, -1.0282, 25.7395

Details

The XYZ color **16.8896, 17.4730, 2.4824** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.2230, 2.7536, 25.4552**, and the grayscale version is **14.5279, 15.2845, 16.6448**.

A 20% lighter version of the original color is **37.7259, 39.0519, 10.2520**, and **5.7860, 5.8749, 0.8290** is the 20% darker color. If you saturate the color by 10%, you get **16.8898, 17.4736, 2.4826**, and if you desaturate by 10%, it is **17.2871, 18.1402, 3.0095**.

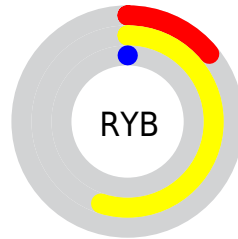
Distribution



Red (55%)

Green (44%)

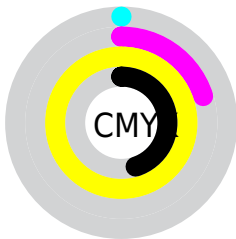
Blue (0%)



Red (14%)

Yellow (55%)

Blue (0%)

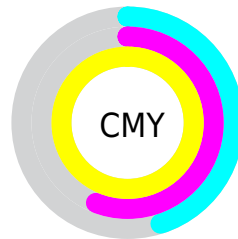


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (45%)



Cyan (45%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8896, 17.4730, 2.4824 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 16.8896, 17.4730, 2.4824 by changing the saturation by 10% instead.

■ 16.8896, 17.4730,
2.4824

■ 16.8896, 17.4730,
2.4824

227.7040,
237.8836, 129.4675

■ 10.2506, 10.5723,
0.8308

■ 37.6810, 39.1373,
10.3220

■ 5.6290, 5.7800,
0.0000

■ 52.5641, 54.6696,
17.3532

■ 2.6593, 2.7118,
0.0000

■ 70.9259, 73.8480,
27.0167

■ 0.9763, 0.9832,
0.0000

■ 93.1319, 97.0567,
39.7310

■ 0.0000, 0.0000,
0.0000

■ 119.5474,
124.6802, 55.9147

■ 150.5376,

157.1030, 75.9864

■ 186.4681,
194.7093, 100.3645

■ 16.8896, 17.4730,
2.4824

■ 16.8896, 17.4730,
2.4824

■ 16.8898, 17.4736,
2.4826

■ 17.2871, 18.1402,
3.0095

■ 17.7462, 18.8469,
3.8140

■ 18.2942, 19.6049,
5.0391

■ 18.9412, 20.4183,
6.7363

■ 19.6955, 21.2906,
8.9497

■ 20.5647, 22.2248,
11.7182

■ 21.5554, 23.2240,
15.0770

■ 22.6740, 24.2906,
19.0586

■ 23.9262, 25.4270,
23.6929

Harmonies

Analogous

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



22.3124, 17.4730, 3.7170



16.8896, 17.4730, 2.4824



12.3636, 17.4730, 3.4531

Triad

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



16.8896, 17.4730, 2.4824



9.3755, 17.4730, 35.7681



26.4556, 17.4730, 37.9294

Complementary

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



16.8896, 17.4730, 2.4824



5.2230, 2.7536, 25.4552

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.



21.7261, 17.4730, 56.0794



16.8896, 17.4730, 2.4824



11.9688, 17.4730, 54.4444

Square

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



16.8896, 17.4730, 2.4824



8.5953, 17.4730, 18.2332



16.3287, 17.4730, 63.2893



28.4917, 17.4730, 19.8397

Rectangle

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



16.8896, 17.4730, 2.4824



10.2936, 17.4730, 5.7852



16.3287, 17.4730, 63.2893



25.0860, 17.4730, 44.5118

Sweetspot

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



16.8900, 17.4739, 2.4827



38.4812, 41.4716, 26.5786



11.1965, 5.7476, 1.6307



8.4440, 9.1128, 5.4179



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.8900, 17.4739, 2.4827



30.1278, 31.0537, 4.4061



14.6378, 21.6854, 3.4143



5.7499, 6.1060, 5.7649



15.4117, 15.9551, 2.2674



0.1623, 0.1825, 0.0267

Inverse Universe

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



5.2230, 2.7536, 25.4552



9.2546, 4.7334, 45.5537



5.7750, 2.4218, 25.3621



5.2110, 5.4177, 6.7998



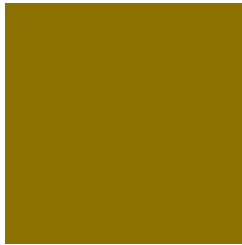
4.7719, 2.5298, 23.2139



0.0584, 0.0497, 0.2262

Previews

White Background



This preview shows how the XYZ color 16.8896, 17.4730, 2.4824 looks on a white background.

Color Contrast Check

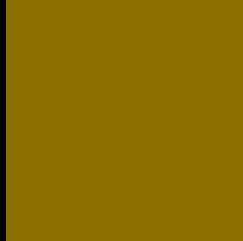
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.8896, 17.4730, 2.4824 looks on a 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 16.8896, 17.4730, 2.4824

Background



This preview shows how black text looks on a background with the XYZ color 16.8896, 17.4730, 2.4824.

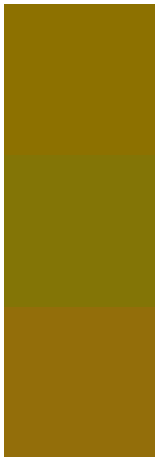


This preview shows how white text looks on a background with the XYZ color 16.8896, 17.4730,

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

16.8896, 17.4730, 2.4824

Protanopia

15.7542, 17.5610, 2.7316

Deuteranopia

17.6633, 17.3768, 2.7103



Tritanopia

20.0648, 17.4984, 17.9428

Trichromacy



Original Color

16.8896, 17.4730, 2.4824

Protanomaly

16.2590, 17.6504, 2.6648

Deuteranomaly

17.3944, 17.4018, 2.6144

Tritanomaly

18.2093, 17.2127, 8.4935

Monochromacy



Original Color

16.8896, 17.4730, 2.4824

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.3958, 15.5746, 7.8777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8896, 17.4730, 2.4824 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(141, 113, 0)` looks like.

```
.text, #text, p{  
    color:rgb(141, 113, 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(141, 113, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 113, 0) }
```

Border

The CSS property to change the border of an element to XYZ 16.8896, 17.4730, 2.4824 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(141, 113, 0) }
```


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

```
.border{ border-color:rgb(141, 113, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 113, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 113, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 113, 0);  
box-shadow:4px 4px 4px 4px rgb(141, 113,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8896, 17.4730, 2.4824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 113, 0) }
```

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

```
.background{ background-color: rgb(141,  
113, 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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