

Converting Colors

XYZ(14.6328, 17.9258, 1.2828)

Have a look what the booklet for
XYZ(14.6328, 17.9258, 1.2828)
contains.

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Color

**XYZ(14.8447, 17.9840,
2.6889)**

Conversions

Conversions Part 1

Format	Color
Hex	797A00
RGB	121, 122, 0
RGB Percent	47%, 48%, 0%
CMY	0.5255, 0.5216, 1.0000
CMYK	0.01, 0.00, 1.00, 0.52
HSL	60°, 100%, 24%
HSV	60°, 100%, 48%
XYZ	14.8447, 17.9840, 2.6889
YIQ	107.7930, 38.5660, -38.1540

Conversions

Conversions Part 2

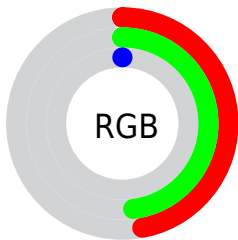
Format	Color
RYB	0, 122, 1
Decimal	7961088
CIELab	49.48, -12.96, 54.65
CIELCh	49, 56.165, 103.343
Yxy	17.9840, 0.4180, 0.5063
Android (android.graphics.Color)	4286151168 (0xFF797A00)
YUV	107.7930, -53.1419, 11.5825
Hunter-Lab	42.4075, -11.7295, 25.9259

Details

The XYZ color **14.8447, 17.9840, 2.6889** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.5258, 1.4120, 18.5002**, and the grayscale version is **14.3331, 15.0796, 16.4216**.

A 20% lighter version of the original color is **34.2216, 40.0009, 10.9183**, and **4.8327, 6.1265, 0.9278** is the 20% darker color. If you saturate the color by 10%, you get **14.8450, 17.9848, 2.6890**, and if you desaturate by 10%, it is **14.9268, 18.0191, 3.0459**.

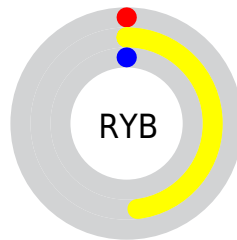
Distribution



Red (47%)

Green (48%)

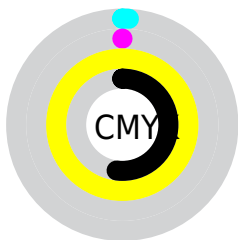
Blue (0%)



Red (0%)

Yellow (48%)

Blue (0%)

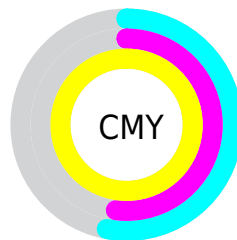


Cyan (1%)

Magenta (0%)

Yellow (100%)

Black (52%)



Cyan (53%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8447, 17.9840, 2.6889 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 14.8447, 17.9840, 2.6889 by changing the saturation by 10% instead.

■ 14.8447, 17.9840,
2.6889

■ 14.8447, 17.9840,
2.6889

215.8314,
240.7808, 132.2940

■ 8.7961, 10.9385,
0.9378

■ 34.1544, 40.0101,
10.8506

■ 4.6644, 6.0255,
0.0000

■ 48.1462, 55.7594,
18.0986

■ 2.0845, 2.8606,
0.0000

■ 65.5164, 75.1788,
28.0160

■ 0.6808, 1.0594,
0.0000


■ 86.6304, 98.6527,
41.0215


■ 0.0000, 0.0000,
0.0000


■ 111.8535,
126.5655, 57.5334


■ 141.5512,


159.3015, 77.9705


 176.0887,
197.2451, 102.7512


 14.8447, 17.9840,
2.6889


 14.8447, 17.9840,
2.6889


 14.8450, 17.9848,
2.6890

 14.9268, 18.0191,
3.0459

 15.0424, 18.0670,
3.5811

 15.2152, 18.1377,
4.4174

 15.4518, 18.2340,
5.5899

 15.7582, 18.3582,
7.1294

■ 16.1394, 18.5123,
9.0627

■ 16.6000, 18.6982,
11.4145

■ 17.1444, 18.9176,
14.2073

■ 17.7765, 19.1721,
17.4620

Harmonies

Analogous

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



20.1885, 17.9840, 2.8071



14.8447, 17.9840, 2.6889



11.0021, 17.9840, 5.0894

Triad

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



14.8447, 17.9840, 2.6889



10.6939, 17.9840, 47.2710



28.8525, 17.9840, 29.2107

Complementary

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



14.8447, 17.9840, 2.6889



3.5258, 1.4120, 18.5002

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.



25.0978, 17.9840, 49.4550



14.8447, 17.9840, 2.6889



14.3317, 17.9840, 63.0477

Square

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



14.8447, 17.9840, 2.6889



8.9623, 17.9840, 27.1302



19.5581, 17.9840, 64.0066



29.0696, 17.9840, 13.5816

Rectangle

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



14.8447, 17.9840, 2.6889



9.4989, 17.9840, 9.1781



19.5581, 17.9840, 64.0066



27.9318, 17.9840, 35.8387

Sweetspot

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



14.8451, 17.9848, 2.6893



29.1385, 32.8680, 19.7522



8.0267, 4.1380, 0.3759



6.5973, 7.4890, 4.1828



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.8451, 17.9848, 2.6893



26.1094, 31.6358, 4.7302



8.8849, 14.9122, 2.4103



4.3046, 4.6323, 4.2917



15.6282, 18.9338, 2.8309



74.5100, 90.2967, 13.5019

Inverse Universe

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



3.5258, 1.4120, 18.5002



6.1965, 2.4805, 32.5451



5.4380, 2.3977, 18.5896



3.8004, 3.8950, 4.9947



3.7113, 1.4860, 19.4765



17.6681, 7.0702, 92.9033

Previews

White Background



This preview shows how the XYZ color 14.8447, 17.9840, 2.6889 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 14.8447, 17.9840, 2.6889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

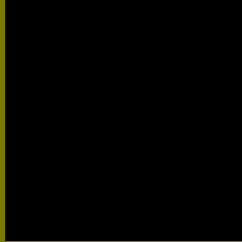
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.8447, 17.9840, 2.6889

Background



This preview shows how black text looks on a background with the XYZ color 14.8447, 17.9840, 2.6889.



This preview shows how white text looks on a background with the XYZ color 14.8447, 17.9840,

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

14.8447, 17.9840, 2.6889

Protanopia

16.1513, 17.9434, 2.6122

Deuteranopia

18.3061, 18.0249, 3.1304



Tritanopia

18.4712, 17.8825, 20.8905

Trichromacy



Original Color

14.8447, 17.9840, 2.6889

Protanomaly

15.6501, 17.8608, 2.6226

Deuteranomaly

16.9592, 18.0063, 2.9295

Tritanomaly

16.2247, 17.4765, 9.7259

Monochromacy



Original Color

14.8447, 17.9840, 2.6889

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.7894, 15.7506, 7.9436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8447, 17.9840, 2.6889 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(121, 122, 0)` looks like.

```
.text, #text, p{  
    color:rgb(121, 122, 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(121, 122, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 122, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.8447, 17.9840, 2.6889 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(121, 122, 0) }
```


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

```
.border{ border-color:rgb(121, 122, 0) }
```

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

Here you see how a box with a 4 pixel rgb(121, 122, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 122, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 122, 0);  
box-shadow:4px 4px 4px 4px rgb(121, 122,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8447, 17.9840, 2.6889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 122, 0) }
```

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

```
.background{ background-color: rgb(121,  
122, 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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