

Converting Colors

XYZ(14.1531, 14.0406, 1.9642)

Have a look what the booklet for
XYZ(14.1531, 14.0406, 1.9642)
contains.

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Color

**XYZ(14.2300, 14.1009,
1.9717)**

Conversions

Conversions Part 1

Format	Color
Hex	856400
RGB	133, 100, 0
RGB Percent	52%, 39%, 0%
CMY	0.4784, 0.6078, 1.0000
CMYK	0.00, 0.25, 1.00, 0.48
HSL	45°, 100%, 26%
HSV	45°, 100%, 52%
XYZ	14.2300, 14.1009, 1.9717
YIQ	98.4670, 51.7680, -24.1040

Conversions

Conversions Part 2

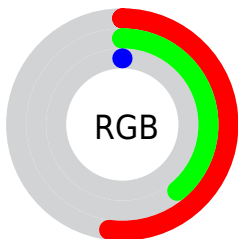
Format	Color
RYB	44, 133, 0
Decimal	8741888
CIELab	44.38, 5.25, 51.58
CIELCh	44, 51.845, 84.189
Yxy	14.1009, 0.4696, 0.4653
Android (android.graphics.Color)	4286931968 (0xFF856400)
YUV	98.4670, -48.5442, 30.2854
Hunter-Lab	37.5512, 1.9280, 23.1727

Details

The XYZ color **14.2300, 14.1009, 1.9717** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.7775, 2.7811, 22.4750**, and the grayscale version is **11.8350, 12.4514, 13.5595**.

A 20% lighter version of the original color is **33.1174, 33.4066, 8.9776**, and **4.4611, 4.2580, 0.5868** is the 20% darker color. If you saturate the color by 10%, you get **14.2302, 14.1014, 1.9718**, and if you desaturate by 10%, it is **14.6279, 14.7773, 2.4725**.

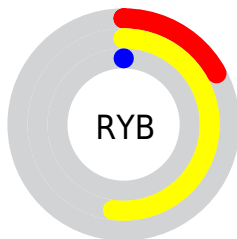
Distribution



Red (52%)

Green (39%)

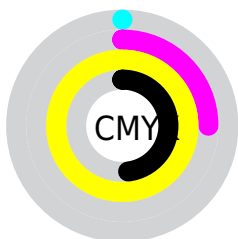
Blue (0%)



Red (17%)

Yellow (52%)

Blue (0%)

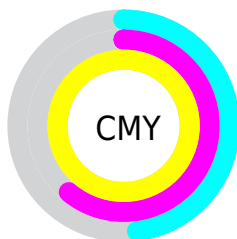


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (48%)



Cyan (48%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2300, 14.1009, 1.9717 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 14.2300, 14.1009, 1.9717 by changing the saturation by 10% instead.

■ 14.2300, 14.1009,
1.9717

■ 14.2300, 14.1009,
1.9717

■ 212.1391,
217.8576, 121.9358

■ 8.3636, 8.1909,
0.5378

■ 33.0794, 33.2680,
8.9633

■ 4.3822, 4.2173,
0.0000

■ 46.7932, 47.2938,
15.4178

■ 1.9206, 1.7959,
0.0000

■ 63.8534, 64.7936,
24.4029

■ 0.5887, 0.4846,
0.0000


■ 84.6254, 86.1520,
36.3371


■ 0.0000, 0.0000,
0.0000


■ 109.4747,
111.7531, 51.6390


■ 138.7665,


141.9815, 70.7270


 172.8662,
177.2216, 94.0198


 14.2300, 14.1009,
1.9717


 14.2300, 14.1009,
1.9717


 14.2302, 14.1014,
1.9718

 14.6279, 14.7773,
2.4725

 15.0824, 15.4966,
3.2092

 15.6196, 16.2699,
4.3161

 16.2478, 17.1009,
5.8372

 16.9744, 17.9926,
7.8107

■ 17.8061, 18.9480,
10.2702

■ 18.7486, 19.9697,
13.2463

■ 19.8075, 21.0599,
16.7668

■ 20.9878, 22.2210,
20.8579

Harmonies

Analogous

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



18.6568, 14.1009, 3.2524



14.2300, 14.1009, 1.9717



10.3811, 14.1009, 2.4948

Triad

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



14.2300, 14.1009, 1.9717



7.3432, 14.1009, 26.8015



21.0041, 14.1009, 33.0676

Complementary

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



14.2300, 14.1009, 1.9717



4.7775, 2.7811, 22.4750

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.



16.9597, 14.1009, 47.2259



14.2300, 14.1009, 1.9717



9.2408, 14.1009, 42.4816

Square

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



14.2300, 14.1009, 1.9717



6.9087, 14.1009, 13.1459



12.6077, 14.1009, 51.3510



23.0550, 14.1009, 17.7954

Rectangle

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



14.2300, 14.1009, 1.9717



8.5587, 14.1009, 4.0794



12.6077, 14.1009, 51.3510



19.7968, 14.1009, 38.3761

Sweetspot

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



14.2303, 14.1016, 1.9720



33.4534, 35.6330, 23.3263



9.9508, 5.0978, 1.9170



7.3967, 7.8781, 4.8068



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.2303, 14.1016, 1.9720



25.3555, 24.9967, 3.4885



13.6154, 19.4700, 3.0406



4.9445, 5.2326, 4.9788



13.5612, 13.4451, 1.8804



0.0527, 0.0581, 0.0084

Inverse Universe

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



4.7775, 2.7811, 22.4750



8.4462, 4.7618, 40.2124



4.8689, 2.0210, 22.3235



4.5214, 4.7185, 5.8732



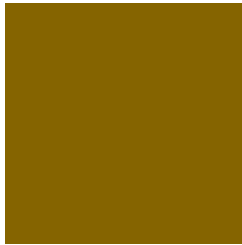
4.5563, 2.6604, 21.4101



0.0208, 0.0193, 0.0759

Previews

White Background



This preview shows how the XYZ color 14.2300, 14.1009, 1.9717 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 14.2300, 14.1009, 1.9717

Background



This preview shows how black text looks on a background with the XYZ color 14.2300, 14.1009, 1.9717.



This preview shows how white text looks on a background with the XYZ color 14.2300, 14.1009,

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

14.2300, 14.1009, 1.9717

Protanopia

12.8001, 14.2453, 2.2760

Deuteranopia

14.2410, 14.1053, 2.0294



Tritanopia

16.6958, 14.1521, 13.9082

Trichromacy



Original Color

14.2300, 14.1009, 1.9717

Protanomaly

13.2844, 14.1945, 2.1545

Deuteranomaly

14.2355, 14.1031, 2.0006

Tritanomaly

15.2616, 13.9701, 6.7426

Monochromacy



Original Color

14.2300, 14.1009, 1.9717

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.8869, 12.6510, 6.3728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2300, 14.1009, 1.9717 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(133, 100, 0)` looks like.

```
.text, #text, p{  
    color:rgb(133, 100, 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(133, 100, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 100, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.2300, 14.1009, 1.9717 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(133, 100, 0) }
```


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

```
.border{ border-color:rgb(133, 100, 0) }
```

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

Here you see how a box with a 4 pixel rgb(133, 100, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 100, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 100, 0);  
box-shadow:4px 4px 4px 4px rgb(133, 100,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2300, 14.1009, 1.9717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 100, 0) }
```

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

```
.background{ background-color: rgb(133,  
100, 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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