

Converting Colors

XYZ(14.3800, 14.2433, 0.6475)

Have a look what the booklet for
XYZ(14.3800, 14.2433, 0.6475)
contains.

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Color

**XYZ(14.5488, 14.2652,
1.9867)**

Conversions

Conversions Part 1

Format	Color
Hex	876400
RGB	135, 100, 0
RGB Percent	53%, 39%, 0%
CMY	0.4706, 0.6078, 1.0000
CMYK	0.00, 0.26, 1.00, 0.47
HSL	44°, 100%, 26%
HSV	44°, 100%, 53%
XYZ	14.5488, 14.2652, 1.9867
YIQ	99.0650, 52.9600, -23.6800

Conversions

Conversions Part 2

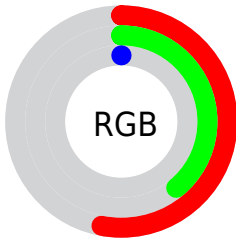
Format	Color
R_YB	47, 135, 0
Decimal	8872960
CIE Lab	44.61, 6.21, 51.85
CIE LCh	45, 52.219, 83.169
Yxy	14.2652, 0.4724, 0.4631
Android (android.graphics.Color)	4287063040 (0xFF876400)
YUV	99.0650, -48.8390, 31.5150
Hunter-Lab	37.7693, 2.6622, 23.3198

Details

The XYZ color **14.5488, 14.2652, 1.9867** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.9743, 2.9515, 23.2289**, and the grayscale version is **11.9866, 12.6108, 13.7332**.

A 20% lighter version of the original color is **33.6204, 33.6659, 9.0012**, and **4.6274, 4.3438, 0.5945** is the 20% darker color. If you saturate the color by 10%, you get **14.5489, 14.2656, 1.9867**, and if you desaturate by 10%, it is **14.9680, 14.9822, 2.5011**.

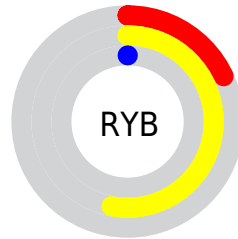
Distribution



Red (53%)

Green (39%)

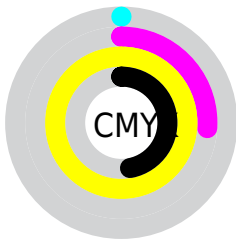
Blue (0%)



Red (18%)

Yellow (53%)

Blue (0%)

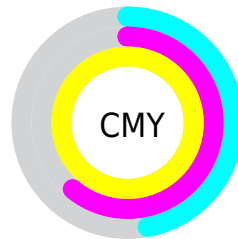


Cyan (0%)

Magenta (26%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5488, 14.2652, 1.9867 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 14.5488, 14.2652, 1.9867 by changing the saturation by 10% instead.

■ 14.5488, 14.2652,
1.9867

■ 14.5488, 14.2652,
1.9867

■ 214.0617,
218.8745, 122.1699

■ 8.5876, 8.3053,
0.5471

■ 33.6379, 33.5588,
9.0044

■ 4.5281, 4.2909,
0.0000

■ 47.4964, 47.6614,
15.4769

■ 2.0050, 1.8376,
0.0000

■ 64.7182, 65.2471,
24.4831

■ 0.6368, 0.5105,
0.0000

■ 85.6684, 86.7001,
36.4416


■ 0.0000, 0.0000,
0.0000


■ 110.7125,
112.4050, 51.7711


■ 140.2159,


142.7461, 70.8899


 174.5438,
178.1078, 94.2167


 14.5488, 14.2652,
1.9867


 14.5488, 14.2652,
1.9867


 14.5489, 14.2656,
1.9867

 14.9680, 14.9822,
2.5011

 15.4475, 15.7461,
3.2624

 16.0136, 16.5682,
4.4069

 16.6752, 17.4525,
5.9806

 17.4399, 18.4022,
8.0230

■ 18.3146, 19.4203,
10.5690

■ 19.3054, 20.5095,
13.6504

■ 20.4180, 21.6724,
17.2962

■ 21.6577, 22.9113,
21.5332

Harmonies

Analogous

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



19.0397, 14.2652, 3.3556



14.5488, 14.2652, 1.9867



10.6047, 14.2652, 2.4540

Triad

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



14.5488, 14.2652, 1.9867



7.3735, 14.2652, 26.6129



21.1629, 14.2652, 34.0889

Complementary

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



14.5488, 14.2652, 1.9867



4.9743, 2.9515, 23.2289

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.



17.0157, 14.2652, 48.2791



14.5488, 14.2652, 1.9867



9.2455, 14.2652, 42.6177

Square

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



14.5488, 14.2652, 1.9867



6.9822, 14.2652, 12.9243



12.6145, 14.2652, 52.0195



23.3393, 14.2652, 18.4696

Rectangle

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



14.5488, 14.2652, 1.9867



8.7222, 14.2652, 3.9874



12.6145, 14.2652, 52.0195



19.9164, 14.2652, 39.4557

Sweetspot

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



14.5491, 14.2659, 1.9870



34.4459, 36.5930, 24.0407



10.3101, 5.2784, 2.1449



7.8219, 8.3059, 5.0776



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.5491, 14.2659, 1.9870



25.9207, 25.2793, 3.5132



14.3151, 20.2410, 3.1526



4.9403, 5.2242, 4.9774



13.4272, 13.1769, 1.8357



0.0524, 0.0575, 0.0083

Inverse Universe

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



4.9743, 2.9515, 23.2289



8.7935, 5.0565, 41.5609



4.9536, 2.0486, 23.0557



4.5254, 4.7265, 5.8745



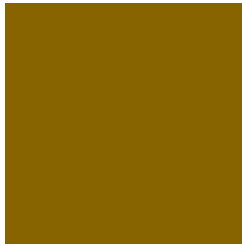
4.5965, 2.7408, 21.4235



0.0211, 0.0199, 0.0760

Previews

White Background



This preview shows how the XYZ color 14.5488, 14.2652, 1.9867 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 14.5488, 14.2652, 1.9867 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 14.5488, 14.2652, 1.9867

Background



This preview shows how black text looks on a background with the XYZ color 14.5488, 14.2652, 1.9867.



This preview shows how white text looks on a background with the XYZ color 14.5488, 14.2652,

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

14.5488, 14.2652, 1.9867

Protanopia

12.9436, 14.3187, 2.3113

Deuteranopia

14.3887, 14.1827, 1.9792



Tritanopia

17.0298, 14.3243, 13.9239

Trichromacy



Original Color

14.5488, 14.2652, 1.9867

Protanomaly

13.4352, 14.2716, 2.1902

Deuteranomaly

14.3887, 14.1827, 1.9792

Tritanomaly

15.5895, 14.1392, 6.7580

Monochromacy



Original Color

14.5488, 14.2652, 1.9867

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.0411, 12.7273, 6.5246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5488, 14.2652, 1.9867 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(135, 100, 0)` looks like.

```
.text, #text, p{  
    color:rgb(135, 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(135, 100, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 100, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.5488, 14.2652, 1.9867 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(135, 100, 0) }
```


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

```
.border{ border-color:rgb(135, 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(135, 100, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 100, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 100, 0);  
box-shadow:4px 4px 4px 4px rgb(135, 100,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5488, 14.2652, 1.9867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 100, 0) }
```

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

```
.background{ background-color: rgb(135,  
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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