

Converting Colors

XYZ(14.5246, 13.7346, 1.8855)

Have a look what the booklet for
XYZ(14.5246, 13.7346, 1.8855)
contains.

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Color

**XYZ(14.4994, 13.6841,
1.8771)**

Conversions

Conversions Part 1

Format	Color
Hex	896000
RGB	137, 96, 0
RGB Percent	54%, 38%, 0%
CMY	0.4627, 0.6235, 1.0000
CMYK	0.00, 0.30, 1.00, 0.46
HSL	42°, 100%, 27%
HSV	42°, 100%, 54%
XYZ	14.4994, 13.6841, 1.8771
YIQ	97.3150, 55.2520, -21.1640

Conversions

Conversions Part 2

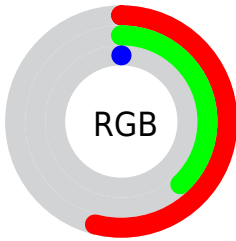
Format	Color
R_{YB}	59, 137, 0
Decimal	9003008
CIE _{Lab}	43.78, 9.50, 51.40
CIE _{LCh}	44, 52.268, 79.523
Yxy	13.6841, 0.4823, 0.4552
Android (android.graphics.Color)	4287193088 (0xFF896000)
YUV	97.3150, -47.9763, 34.8037
Hunter-Lab	36.9920, 5.2288, 22.8858

Details

The XYZ color **14.4994, 13.6841, 1.8771** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.3083, 3.3921, 24.0417**, and the grayscale version is **11.5454, 12.1467, 13.2277**.

A 20% lighter version of the original color is **33.5740, 32.4756, 8.6366**, and **4.6203, 4.0750, 0.5430** is the 20% darker color. If you saturate the color by 10%, you get **14.4995, 13.6845, 1.8772**, and if you desaturate by 10%, it is **14.9608, 14.4835, 2.4121**.

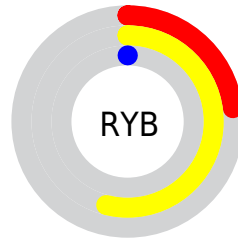
Distribution



Red (54%)

Green (38%)

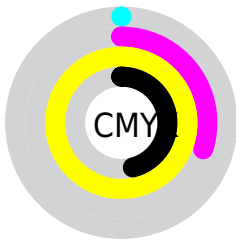
Blue (0%)



Red (23%)

Yellow (54%)

Blue (0%)

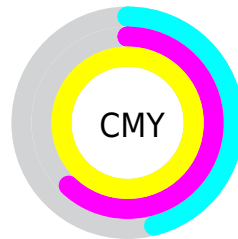


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (46%)



Cyan (46%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4994, 13.6841, 1.8771 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 14.4994, 13.6841, 1.8771 by changing the saturation by 10% instead.

■ 14.4994, 13.6841,
1.8771

■ 14.4994, 13.6841,
1.8771

■ 213.7649,
215.2566, 120.4382

■ 8.5528, 7.9013,
0.4781

■ 33.5515, 32.5275,
8.7020

■ 4.5054, 4.0318,
0.0000

■ 47.3877, 46.3568,
15.0421

■ 1.9919, 1.6914,
0.0000

■ 64.5845, 63.6371,
23.8921

■ 0.6294, 0.4181,
0.0000

■ 85.5072, 84.7527,
35.6704


■ 0.0000, 0.0000,
0.0000


■ 110.5213,
110.0881, 50.7956


■ 139.9920,


140.0276, 69.6863


 174.2848,
174.9557, 92.7610


 14.4994, 13.6841,
1.8771


 14.4994, 13.6841,
1.8771


 14.4995, 13.6845,
1.8772

 14.9608, 14.4835,
2.4121

 15.4898, 15.3410,
3.2063

 16.1131, 16.2683,
4.3983

 16.8401, 17.2697,
6.0358

 17.6788, 18.3488,
8.1599

■ 18.6364, 19.5089,
10.8069

■ 19.7193, 20.7530,
14.0098

■ 20.9336, 22.0838,
17.7985

■ 22.2847, 23.5041,
22.2013

Harmonies

Analogous

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



18.8508, 13.6841, 3.4528



14.4994, 13.6841, 1.8771



10.5364, 13.6841, 2.1194

Triad

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



14.4994, 13.6841, 1.8771



6.8815, 13.6841, 23.8318



20.0042, 13.6841, 34.9911

Complementary

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



14.4994, 13.6841, 1.8771



5.3083, 3.3921, 24.0417

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.



15.8349, 13.6841, 48.1051



14.4994, 13.6841, 1.8771



8.5151, 13.6841, 39.6507

Square

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



14.4994, 13.6841, 1.8771



6.6723, 13.6841, 11.1460



11.6194, 13.6841, 50.1550



22.4456, 13.6841, 19.4136

Rectangle

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



14.4994, 13.6841, 1.8771



8.5914, 13.6841, 3.3621



11.6194, 13.6841, 50.1550



18.7219, 13.6841, 40.1184

Sweetspot

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



14.4997, 13.6848, 1.8774



35.1777, 37.0120, 24.6753



10.7185, 5.4793, 2.6000



7.7274, 8.1169, 5.0460



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.



14.4997, 13.6848, 1.8774



25.8193, 24.2127, 3.3127



15.3264, 21.1806, 3.2806



5.3068, 5.5965, 5.3529



13.5171, 12.7686, 1.7522



0.1026, 0.1105, 0.0159

Inverse Universe

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



5.3083, 3.3921, 24.0417



9.3783, 5.8188, 43.0120



4.9781, 2.0448, 23.7990



4.8888, 5.1205, 6.3365



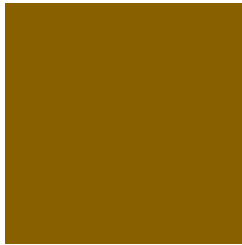
4.9541, 3.1786, 22.3981



0.0445, 0.0443, 0.1527

Previews

White Background



This preview shows how the XYZ color 14.4994, 13.6841, 1.8771 looks on a white background.

Color Contrast Check

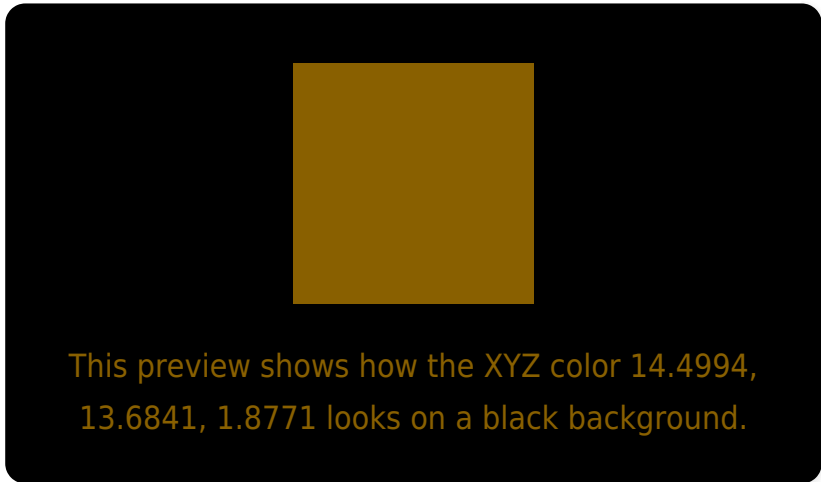
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4994, 13.6841, 1.8771

Background



This preview shows how black text looks on a background with the XYZ color 14.4994, 13.6841, 1.8771.



This preview shows how white text looks on a background with the XYZ color 14.4994, 13.6841,

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

14.4994, 13.6841, 1.8771

Protanopia

12.3357, 13.7023, 2.2531

Deuteranopia

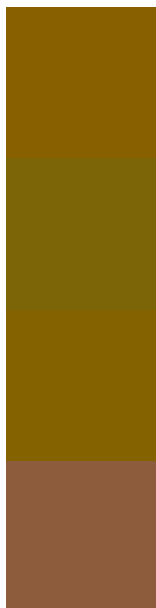
13.8219, 13.7490, 1.9253



Tritanopia

16.6682, 13.6520, 12.8229

Trichromacy



Original Color

14.4994, 13.6841, 1.8771

Protanomaly

12.9987, 13.6056, 2.1133

Deuteranomaly

14.0405, 13.7219, 1.9086

Tritanomaly

15.4847, 13.5667, 6.2174

Monochromacy



Original Color

14.4994, 13.6841, 1.8771

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.8263, 12.3419, 6.3163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4994, 13.6841, 1.8771 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(137, 96, 0)` looks like.

```
.text, #text, p{  
    color:rgb(137, 96, 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(137, 96, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 96, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.4994, 13.6841, 1.8771 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(137, 96, 0) }
```


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

```
.border{ border-color:rgb(137, 96, 0) }
```

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

Here you see how a box with a 4 pixel rgb(137, 96, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 96, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 96, 0);  
box-shadow:4px 4px 4px 4px rgb(137, 96, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.4994, 13.6841, 1.8771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 96, 0) }
```

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

```
.background{ background-color: rgb(137, 96,  
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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