

Converting Colors

XYZ(13.6043, 13.6258, 0.0000)

Have a look what the booklet for
XYZ(13.6043, 13.6258, 0.0000)
contains.

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Color

**XYZ(13.9776, 13.8292,
1.9326)**

Conversions

Conversions Part 1

Format	Color
Hex	846300
RGB	132, 99, 0
RGB Percent	52%, 39%, 0%
CMY	0.4824, 0.6118, 1.0000
CMYK	0.00, 0.25, 1.00, 0.48
HSL	45°, 100%, 26%
HSV	45°, 100%, 52%
XYZ	13.9776, 13.8292, 1.9326
YIQ	97.5810, 51.4470, -23.7930

Conversions

Conversions Part 2

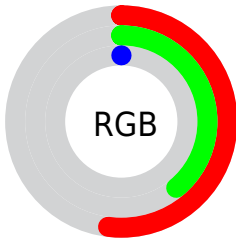
Format	Color
R_YB	44, 132, 0
Decimal	8676096
CIE Lab	43.99, 5.35, 51.26
CIE LCh	44, 51.534, 84.038
Yxy	13.8292, 0.4700, 0.4650
Android (android.graphics.Color)	4286866176 (0xFF846300)
YUV	97.5810, -48.1074, 30.1855
Hunter-Lab	37.1876, 2.0139, 22.9501

Details

The XYZ color **13.9776, 13.8292, 1.9326** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.7088, 2.7538, 22.1131**, and the grayscale version is **11.6124, 12.2172, 13.3045**.

A 20% lighter version of the original color is **32.5493, 32.6400, 8.8596**, and **4.4150, 4.1659, 0.5714** is the 20% darker color. If you saturate the color by 10%, you get **13.9778, 13.8296, 1.9327**, and if you desaturate by 10%, it is **14.3709, 14.4976, 2.4286**.

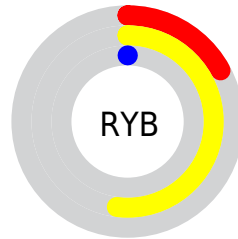
Distribution



Red (52%)

Green (39%)

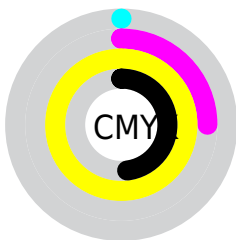
Blue (0%)



Red (17%)

Yellow (52%)

Blue (0%)

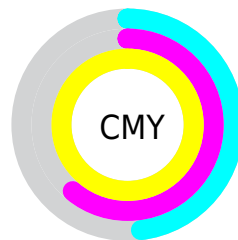


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (48%)



Cyan (48%)


Magenta (61%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.9776, 13.8292, 1.9326 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 13.9776, 13.8292, 1.9326 by changing the saturation by 10% instead.


 13.9776, 13.8292,
1.9326


 13.9776, 13.8292,
1.9326


 210.6048,
216.1657, 121.3213


 8.1867, 8.0020,
0.5134


 32.6359, 32.7857,
8.8557

 4.2674, 4.0962,
0.0000

 46.2339, 46.6837,
15.2633

 1.8545, 1.7275,
0.0000

 63.1651, 64.0407,
24.1929

 0.5502, 0.4414,
0.0000


 83.7947, 85.2413,
36.0632


 0.0000, 0.0000,
0.0000


 108.4882,
110.6696, 51.2926


 137.6107,


140.7102, 70.2998


 171.5279,
175.7474, 93.5031


 13.9776, 13.8292,
1.9326


 13.9776, 13.8292,
1.9326


 13.9778, 13.8296,
1.9327

 14.3709, 14.4976,
2.4286

 14.8199, 15.2084,
3.1556

 15.3503, 15.9726,
4.2464

 15.9704, 16.7939,
5.7445

 16.6874, 17.6753,
7.6872

■ 17.5078, 18.6196,
10.1075

■ 18.4373, 19.6294,
13.0354

■ 19.4813, 20.7071,
16.4983

■ 20.6448, 21.8547,
20.5217

Harmonies

Analogous

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



18.3209, 13.8292, 3.1990



13.9776, 13.8292, 1.9326



10.1957, 13.8292, 2.4367

Triad

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



13.9776, 13.8292, 1.9326



7.1938, 13.8292, 26.2131



20.5870, 13.8292, 32.5207

Complementary

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



13.9776, 13.8292, 1.9326



4.7088, 2.7538, 22.1131

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.



16.6126, 13.8292, 46.3874



13.9776, 13.8292, 1.9326



9.0480, 13.8292, 41.6115

Square

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



13.9776, 13.8292, 1.9326



6.7746, 13.8292, 12.8386



12.3447, 13.8292, 50.3713



22.6129, 13.8292, 17.5187

Rectangle

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



13.9776, 13.8292, 1.9326



8.4029, 13.8292, 3.9807



12.3447, 13.8292, 50.3713



19.3994, 13.8292, 37.7265

Sweetspot

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



13.9779, 13.8299, 1.9329



32.3608, 34.4537, 22.5853



9.7903, 5.0155, 1.8912



7.3925, 7.8696, 4.8054



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.



13.9779, 13.8299, 1.9329



24.4994, 24.1161, 3.3636



13.3970, 19.1552, 2.9914



4.9438, 5.2312, 4.9785



13.5383, 13.3993, 1.8728



0.0527, 0.0580, 0.0084

Inverse Universe

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



4.7088, 2.7538, 22.1131



8.1897, 4.6413, 38.9174



4.7922, 1.9894, 21.9612



4.5221, 4.7199, 5.8734



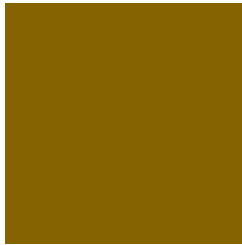
4.5630, 2.6738, 21.4123



0.0209, 0.0194, 0.0759

Previews

White Background



This preview shows how the XYZ color 13.9776, 13.8292, 1.9326 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 13.9776, 13.8292, 1.9326

Background



This preview shows how black text looks on a background with the XYZ color 13.9776, 13.8292, 1.9326.



This preview shows how white text looks on a background with the XYZ color 13.9776, 13.8292,

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

13.9776, 13.8292, 1.9326

Protanopia

12.5611, 13.9700, 2.2355

Deuteranopia

13.9830, 13.8314, 1.9615



Tritanopia

16.3958, 13.8735, 13.6181

Trichromacy



Original Color

13.9776, 13.8292, 1.9326

Protanomaly

13.0405, 13.9202, 2.1144

Deuteranomaly

13.9830, 13.8314, 1.9615

Tritanomaly

14.9811, 13.6942, 6.5563

Monochromacy



Original Color

13.9776, 13.8292, 1.9326

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.6676, 12.3982, 6.3356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9776, 13.8292, 1.9326 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(132, 99, 0)` looks like.

```
.text, #text, p{  
    color:rgb(132, 99, 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(132, 99, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 99, 0) }
```

Border

The CSS property to change the border of an element to XYZ 13.9776, 13.8292, 1.9326 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(132, 99, 0) }
```


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

```
.border{ border-color:rgb(132, 99, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 99, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 99, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 99, 0);  
box-shadow:4px 4px 4px 4px rgb(132, 99, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.9776, 13.8292, 1.9326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 99, 0) }
```

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

```
.background{ background-color: rgb(132, 99,  
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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