

Converting Colors

XYZ(13.9617, 11.1464, 1.4156)

Have a look what the booklet for
XYZ(13.9617, 11.1464, 1.4156)
contains.

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Color

**XYZ(13.9816, 11.1474,
1.4148)**

Conversions

Conversions Part 1

Format	Color
Hex	8F4D00
RGB	143, 77, 0
RGB Percent	56%, 30%, 0%
CMY	0.4392, 0.6980, 1.0000
CMYK	0.00, 0.46, 1.00, 0.44
HSL	32°, 100%, 28%
HSV	32°, 100%, 56%
XYZ	13.9816, 11.1474, 1.4148
YIQ	87.9560, 64.0530, -9.9550

Conversions

Conversions Part 2

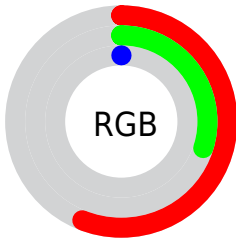
Format	Color
RYB	123, 143, 0
Decimal	9391360
CIELab	39.83, 23.31, 49.24
CIElCh	40, 54.473, 64.669
Yxy	11.1474, 0.5267, 0.4200
Android (android.graphics.Color)	4287581440 (0xFF8F4D00)
YUV	87.9560, -43.3623, 48.2736
Hunter-Lab	33.3877, 16.3210, 20.8590

Details

The XYZ color **13.9816, 11.1474, 1.4148** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.9062, 5.8796, 26.7573**, and the grayscale version is **9.3485, 9.8354, 10.7107**.

A 20% lighter version of the original color is **32.6603, 28.0208, 7.4286**, and **4.3277, 2.9584, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **13.9817, 11.1477, 1.4148**, and if you desaturate by 10%, it is **14.5487, 12.1515, 2.0051**.

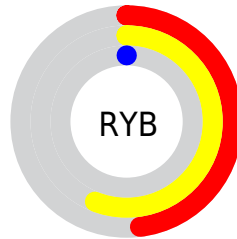
Distribution



Red (56%)

Green (30%)

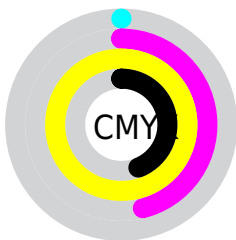
Blue (0%)



Red (48%)

Yellow (56%)

Blue (0%)

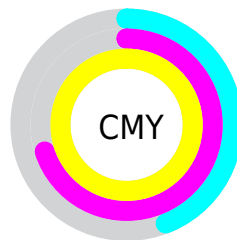


Cyan (0%)

Magenta (46%)

Yellow (100%)

Black (44%)



Cyan (44%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9816, 11.1474, 1.4148 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 13.9816, 11.1474, 1.4148 by changing the saturation by 10% instead.

13.9816, 11.1474,
1.4148

13.9816, 11.1474,
1.4148

210.6292,
198.6760, 112.5018

8.1895, 6.1661,
0.1532

32.6429, 27.9324,
7.3684

4.2693, 2.9463,
0.0000

46.2428, 40.5049,
13.1037

1.8556, 1.1038,
0.0000

63.1760, 56.3765,
21.2360

0.5508, 0.0000,
0.0000

83.8079, 75.9317,
32.1838


0.0000, 0.0000,
0.0000


108.5038, 99.5549,
46.3658


137.6291,


127.6304, 64.2004


 171.5491,
160.5426, 86.1062


 13.9816, 11.1474,
1.4148


 13.9816, 11.1474,
1.4148


 13.9817, 11.1477,
1.4148

 14.5487, 12.1515,
2.0051

 15.2179, 13.2732,
2.8968

 16.0185, 14.5265,
4.2360

 16.9617, 15.9180,
6.0762

 18.0575, 17.4536,
8.4637

■ 19.3146, 19.1386,
11.4390

■ 20.7411, 20.9780,
15.0391

■ 22.3443, 22.9765,
19.2978

■ 24.1314, 25.1385,
24.2464

Harmonies

Analogous

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



17.6833, 11.1474, 3.7843



13.9816, 11.1474, 1.4148



10.0203, 11.1474, 1.0057

Triad

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



13.9816, 11.1474, 1.4148



4.9201, 11.1474, 13.8934



15.2379, 11.1474, 38.1984

Complementary

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



13.9816, 11.1474, 1.4148



6.9062, 5.8796, 26.7573

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.



11.1918, 11.1474, 46.4391



13.9816, 11.1474, 1.4148



5.7108, 11.1474, 28.0379

Square

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



13.9816, 11.1474, 1.4148



5.3316, 11.1474, 5.2834



7.8053, 11.1474, 41.9149



18.5202, 11.1474, 23.2614

Rectangle

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



13.9816, 11.1474, 1.4148



7.8669, 11.1474, 1.3909



7.8053, 11.1474, 41.9149



13.8911, 11.1474, 42.1454

Sweetspot

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



13.9818, 11.1480, 1.4150



36.9721, 37.3501, 26.4872



12.3329, 6.2418, 5.8235



8.2504, 8.2736, 5.4905



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



13.9818, 11.1480, 1.4150



24.8662, 19.6179, 2.4760



20.3423, 25.0680, 3.7666



5.6343, 5.8748, 5.7264



12.3836, 9.8990, 1.2580



0.1405, 0.1388, 0.0194

Inverse Universe

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



6.9062, 5.8796, 26.7573



12.1997, 10.1931, 47.8625



5.0177, 2.0141, 26.1107



5.3218, 5.6395, 6.8368



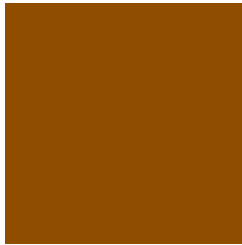
6.1268, 5.2396, 23.6655



0.0802, 0.0934, 0.2335

Previews

White Background



This preview shows how the XYZ color 13.9816, 11.1474, 1.4148 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 13.9816, 11.1474, 1.4148 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 13.9816, 11.1474, 1.4148

Background



This preview shows how black text looks on a background with the XYZ color 13.9816, 11.1474, 1.4148.



This preview shows how white text looks on a background with the XYZ color 13.9816, 11.1474,

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

13.9816, 11.1474, 1.4148

Protanopia

10.2220, 11.3368, 1.9973

Deuteranopia

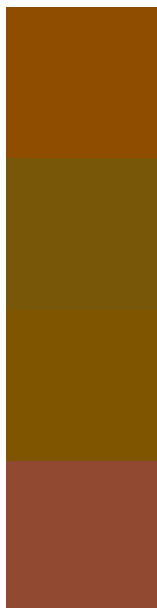
11.2639, 11.2343, 1.5748



Tritanopia

15.5110, 11.2815, 8.3812

Trichromacy



Original Color

13.9816, 11.1474, 1.4148

Protanomaly

11.2793, 10.9900, 1.7565

Deuteranomaly

12.1506, 11.0862, 1.4994

Tritanomaly

14.6802, 11.1391, 4.2820

Monochromacy



Original Color

13.9816, 11.1474, 1.4148

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

10.0685, 9.8143, 5.1051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9816, 11.1474, 1.4148 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(143, 77, 0)` looks like.

```
.text, #text, p{  
    color:rgb(143, 77, 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(143, 77, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 77, 0) }
```

Border

The CSS property to change the border of an element to XYZ 13.9816, 11.1474, 1.4148 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(143, 77, 0) }
```


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

```
.border{ border-color:rgb(143, 77, 0) }
```

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

Here you see how a box with a 4 pixel rgb(143, 77, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 77, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 77, 0);  
box-shadow:4px 4px 4px 4px rgb(143, 77, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.9816, 11.1474, 1.4148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 77, 0) }
```

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

```
.background{ background-color: rgb(143, 77,  
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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