

Converting Colors

XYZ(13.8632, 11.3733, 0.0769)

Have a look what the booklet for
XYZ(13.8632, 11.3733, 0.0769)
contains.

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Color

**XYZ(14.1237, 11.4316,
1.4621)**

Conversions

Conversions Part 1

Format	Color
Hex	8F4F00
RGB	143, 79, 0
RGB Percent	56%, 31%, 0%
CMY	0.4392, 0.6902, 1.0000
CMYK	0.00, 0.45, 1.00, 0.44
HSL	33°, 100%, 28%
HSV	33°, 100%, 56%
XYZ	14.1237, 11.4316, 1.4621
YIQ	89.1300, 63.5030, -11.0010

Conversions

Conversions Part 2

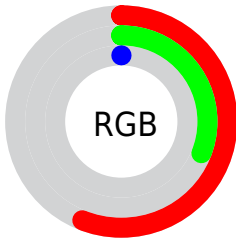
Format	Color
R_{YB}	116, 143, 0
Decimal	9391872
CIE Lab	40.30, 22.17, 49.53
CIE LCh	40, 54.264, 65.886
Yxy	11.4316, 0.5228, 0.4231
Android (android.graphics.Color)	4287581952 (0xFF8F4F00)
YUV	89.1300, -43.9411, 47.2440
Hunter-Lab	33.8106, 15.3961, 21.1035

Details

The XYZ color **14.1237, 11.4316, 1.4621** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.7912, 5.6498, 26.7191**, and the grayscale version is **9.6092, 10.1096, 11.0094**.

A 20% lighter version of the original color is **32.9212, 28.5426, 7.5155**, and **4.3816, 3.0661, 0.3609** is the 20% darker color. If you saturate the color by 10%, you get **14.1238, 11.4320, 1.4622**, and if you desaturate by 10%, it is **14.6894, 12.4329, 2.0519**.

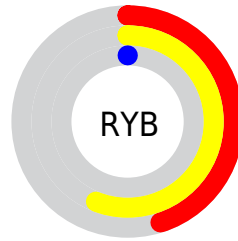
Distribution



Red (56%)

Green (31%)

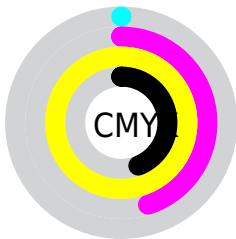
Blue (0%)



Red (45%)

Yellow (56%)

Blue (0%)

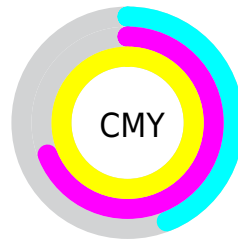


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (44%)



Cyan (44%)


Magenta (69%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1237, 11.4316, 1.4621 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 14.1237, 11.4316, 1.4621 by changing the saturation by 10% instead.


 14.1237, 11.4316,
1.4621


 14.1237, 11.4316,
1.4621


 211.4943,
200.6051, 113.3691


 8.2890, 6.3579,
0.1895


 32.8928, 28.4556,
7.5099


 4.3338, 3.0639,
0.0000

 46.5579, 41.1746,
13.3111

 1.8927, 1.1652,
0.0000

 63.5639, 57.2109,
21.5219

 0.5726, 0.0330,
0.0000


 84.2761, 76.9489,
32.5609


 0.0000, 0.0000,
0.0000


 109.0599,
100.7729, 46.8465


 138.2806,


129.0673, 64.7974


 172.3036,
162.2166, 86.8321


 14.1237, 11.4316,
1.4621


 14.1237, 11.4316,
1.4621


 14.1238, 11.4320,
1.4622

 14.6894, 12.4329,
2.0519

 15.3547, 13.5467,
2.9423

 16.1486, 14.7868,
4.2792

 17.0825, 16.1595,
6.1162

 18.1659, 17.6705,
8.4995

■ 19.4077, 19.3249,
11.4696

■ 20.8157, 21.1274,
15.0635

■ 22.3973, 23.0827,
19.3149

■ 24.1594, 25.1949,
24.2551

Harmonies

Analogous

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



17.9054, 11.4316, 3.7824



14.1237, 11.4316, 1.4621



10.1349, 11.4316, 1.0888

Triad

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



14.1237, 11.4316, 1.4621



5.1080, 11.4316, 14.7129



15.7226, 11.4316, 38.1766

Complementary

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



14.1237, 11.4316, 1.4621



6.7912, 5.6498, 26.7191

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.



11.6302, 11.4316, 46.9001



14.1237, 11.4316, 1.4621



5.9652, 11.4316, 29.1314

Square

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



14.1237, 11.4316, 1.4621



5.4779, 11.4316, 5.7180



8.1512, 11.4316, 42.8764



18.9686, 11.4316, 23.0719

Rectangle

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



14.1237, 11.4316, 1.4621



7.9837, 11.4316, 1.5285



8.1512, 11.4316, 42.8764



14.3684, 11.4316, 42.2571

Sweetspot

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



14.1240, 11.4322, 1.4623



37.1084, 37.6227, 26.5327



12.2631, 6.2139, 5.4561



8.2846, 8.3421, 5.5019



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.



14.1240, 11.4322, 1.4623



25.1207, 20.1271, 2.5609



19.9514, 24.8665, 3.7482



5.6403, 5.8869, 5.7284



12.5093, 10.1504, 1.2999



0.1416, 0.1411, 0.0198

Inverse Universe

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



6.7912, 5.6498, 26.7191



11.9957, 9.7852, 47.7945



5.0475, 2.0294, 26.1122



5.3158, 5.6275, 6.8348



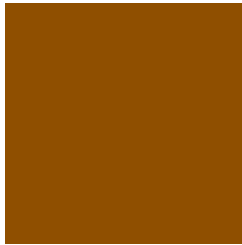
6.0251, 5.0361, 23.6316



0.0791, 0.0911, 0.2331

Previews

White Background



This preview shows how the XYZ color 14.1237, 11.4316, 1.4621 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 14.1237, 11.4316, 1.4621

Background



This preview shows how black text looks on a background with the XYZ color 14.1237, 11.4316, 1.4621.



This preview shows how white text looks on a background with the XYZ color 14.1237, 11.4316,

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

14.1237, 11.4316, 1.4621

Protanopia

10.4336, 11.5804, 2.0332

Deuteranopia

11.6262, 11.5471, 1.6160



Tritanopia

15.6479, 11.4406, 8.7807

Trichromacy



Original Color

14.1237, 11.4316, 1.4621

Protanomaly

11.5852, 11.3948, 1.8185

Deuteranomaly

12.4615, 11.4835, 1.5598

Tritanomaly

14.7689, 11.2822, 4.4169

Monochromacy



Original Color

14.1237, 11.4316, 1.4621

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

10.2937, 10.0436, 5.2670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1237, 11.4316, 1.4621 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, 79, 0)` looks like.

```
.text, #text, p{  
    color:rgb(143, 79, 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, 79, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 79, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.1237, 11.4316, 1.4621 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, 79, 0) }
```


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

```
.border{ border-color:rgb(143, 79, 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, 79, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 79, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 79, 0);  
box-shadow:4px 4px 4px 4px rgb(143, 79, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.1237, 11.4316, 1.4621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 79, 0) }
```

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

```
.background{ background-color: rgb(143, 79,  
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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