

Converting Colors

XYZ(14.1026, 13.1399, 1.3276)

Have a look what the booklet for
XYZ(14.1026, 13.1399, 1.3276)
contains.

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Color

**XYZ(14.2309, 13.1471,
1.7876)**

Conversions

Conversions Part 1

Format	Color
Hex	895D00
RGB	137, 93, 0
RGB Percent	54%, 36%, 0%
CMY	0.4627, 0.6353, 1.0000
CMYK	0.00, 0.32, 1.00, 0.46
HSL	41°, 100%, 27%
HSV	41°, 100%, 54%
XYZ	14.2309, 13.1471, 1.7876
YIQ	95.5540, 56.0770, -19.5950

Conversions

Conversions Part 2

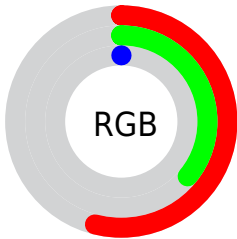
Format	Color
R_{YB}	65, 137, 0
Decimal	9002240
CIE _{Lab}	42.98, 11.26, 50.87
CIE _{LCh}	43, 52.097, 77.517
Yxy	13.1471, 0.4879, 0.4508
Android (android.graphics.Color)	4287192320 (0xFF895D00)
YUV	95.5540, -47.1081, 36.3481
Hunter-Lab	36.2589, 6.6045, 22.4582

Details

The XYZ color **14.2309, 13.1471, 1.7876** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.4161, 3.6075, 24.0776**, and the grayscale version is **11.1115, 11.6901, 12.7306**.

A 20% lighter version of the original color is **33.1176, 31.5628, 8.4844**, and **4.4962, 3.8269, 0.5017** is the 20% darker color. If you saturate the color by 10%, you get **14.2310, 13.1475, 1.7877**, and if you desaturate by 10%, it is **14.7058, 13.9735, 2.3271**.

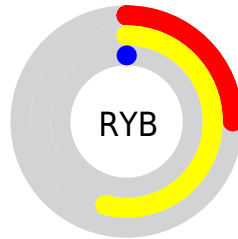
Distribution



Red (54%)

Green (36%)

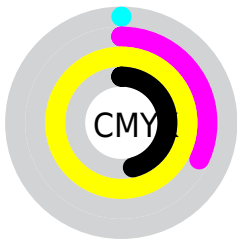
Blue (0%)



Red (25%)

Yellow (54%)

Blue (0%)

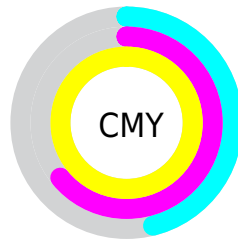


Cyan (0%)

Magenta (32%)

Yellow (100%)

Black (46%)



Cyan (46%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2309, 13.1471, 1.7876 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 14.2309, 13.1471, 1.7876 by changing the saturation by 10% instead.

■ 14.2309, 13.1471,
1.7876

■ 14.2309, 13.1471,
1.7876

■ 212.1446,
211.8583, 118.9863

■ 8.3642, 7.5299,
0.4198

■ 33.0810, 31.5678,
8.4515

■ 4.3826, 3.7957,
0.0000

■ 46.7952, 45.1401,
14.6808

■ 1.9208, 1.5599,
0.0000

■ 63.8558, 62.1329,
23.3996

■ 0.5889, 0.3304,
0.0000


■ 84.6284, 82.9306,
35.0266


■ 0.0000, 0.0000,
0.0000


■ 109.4782,
107.9176, 49.9802


■ 138.7706,


137.4783, 68.6789


 172.8709,
171.9970, 91.5415


 14.2309, 13.1471,
1.7876


 14.2309, 13.1471,
1.7876


 14.2310, 13.1475,
1.7877

 14.7058, 13.9735,
2.3271

 15.2511, 14.8635,
3.1268

 15.8935, 15.8292,
4.3251

 16.6426, 16.8747,
5.9699

 17.5063, 18.0039,
8.1024

■ 18.4920, 19.2203,
10.7588

■ 19.6062, 20.5268,
13.9720

■ 20.8549, 21.9265,
17.7722

■ 22.2437, 23.4221,
22.1875

Harmonies

Analogous

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



18.4349, 13.1471, 3.4482



14.2309, 13.1471, 1.7876



10.3235, 13.1471, 1.9155

Triad

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



14.2309, 13.1471, 1.7876



6.5087, 13.1471, 22.0101



19.0602, 13.1471, 34.9060

Complementary

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



14.2309, 13.1471, 1.7876



5.4161, 3.6075, 24.0776

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.



14.9536, 13.1471, 47.2121



14.2309, 13.1471, 1.7876



7.9928, 13.1471, 37.4405

Square

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



14.2309, 13.1471, 1.7876



6.3963, 13.1471, 10.0669



10.9080, 13.1471, 48.3289



21.5965, 13.1471, 19.6160

Rectangle

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



14.2309, 13.1471, 1.7876



8.3773, 13.1471, 2.9953



10.9080, 13.1471, 48.3289



17.7821, 13.1471, 39.8147

Sweetspot

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



14.2312, 13.1478, 1.7878



34.9713, 36.5993, 24.6065



10.8032, 5.5131, 3.0455



7.6764, 8.0149, 5.0291



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.



14.2312, 13.1478, 1.7878



25.3337, 23.2416, 3.1509



15.9068, 21.4798, 3.3078



5.2979, 5.5787, 5.3500



13.2673, 12.2691, 1.6689



0.1014, 0.1081, 0.0155

Inverse Universe

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



5.4161, 3.6075, 24.0776



9.5654, 6.1929, 43.0744



4.8650, 1.9865, 23.7937



4.8973, 5.1375, 6.3394



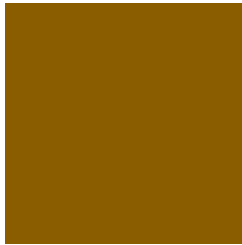
5.0549, 3.3801, 22.4317



0.0457, 0.0467, 0.1531

Previews

White Background



This preview shows how the XYZ color 14.2309, 13.1471, 1.7876 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 14.2309, 13.1471, 1.7876

Background



This preview shows how black text looks on a background with the XYZ color 14.2309, 13.1471, 1.7876.



This preview shows how white text looks on a background with the XYZ color 14.2309, 13.1471,

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

14.2309, 13.1471, 1.7876

Protanopia

11.8709, 13.1673, 2.1743

Deuteranopia

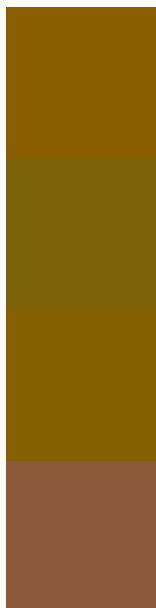
13.3280, 13.2165, 1.8486



Tritanopia

16.2881, 13.1086, 12.0277

Trichromacy



Original Color

14.2309, 13.1471, 1.7876

Protanomaly

12.6631, 13.1478, 2.0427

Deuteranomaly

13.6986, 13.2713, 1.8396

Tritanomaly

15.1770, 13.0360, 5.8540

Monochromacy



Original Color

14.2309, 13.1471, 1.7876

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.4901, 11.9008, 6.1064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2309, 13.1471, 1.7876 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, 93, 0)` looks like.

```
.text, #text, p{  
    color:rgb(137, 93, 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, 93, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 93, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.2309, 13.1471, 1.7876 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, 93, 0) }
```


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

```
.border{ border-color:rgb(137, 93, 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, 93, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 93, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 93, 0);  
box-shadow:4px 4px 4px 4px rgb(137, 93, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.2309, 13.1471, 1.7876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 93, 0) }
```

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

```
.background{ background-color: rgb(137, 93,  
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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