

Converting Colors

XYZ(15.3463, 14.0839, 2.2322)

Have a look what the booklet for
XYZ(15.3463, 14.0839, 2.2322)
contains.

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Color

**XYZ(15.3986, 14.1407,
2.2344)**

Conversions

Conversions Part 1

Format	Color
Hex	8E600B
RGB	142, 96, 11
RGB Percent	56%, 38%, 4%
CMY	0.4431, 0.6235, 0.9568
CMYK	0.00, 0.32, 0.92, 0.44
HSL	39°, 86%, 30%
HSV	39°, 92%, 56%
XYZ	15.3986, 14.1407, 2.2344
YIQ	100.0640, 54.7010, -16.6830

Conversions

Conversions Part 2

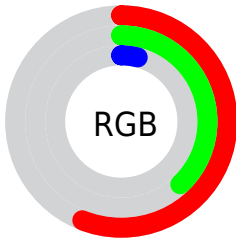
Format	Color
RYB	82, 142, 11
Decimal	9330699
CIELab	44.43, 12.08, 49.44
CIELCh	44, 50.896, 76.267
Yxy	14.1407, 0.4846, 0.4450
Android (android.graphics.Color)	4287520779 (0xFF8E600B)
YUV	100.0640, -43.9086, 36.7779
Hunter-Lab	37.6041, 7.2872, 22.7999

Details

The XYZ color **15.3986, 14.1407, 2.2344** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.4836, 4.9503, 26.2047**, and the grayscale version is **12.2287, 12.8655, 14.0106**.

A 20% lighter version of the original color is **35.0817, 33.2305, 9.7194**, and **5.0711, 4.3074, 0.5641** is the 20% darker color. If you saturate the color by 10%, you get **14.9946, 13.4294, 1.8018**, and if you desaturate by 10%, it is **15.9856, 15.1272, 3.0086**.

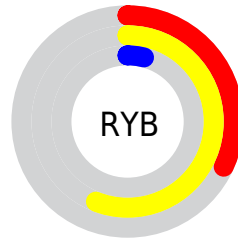
Distribution



Red (56%)

Green (38%)

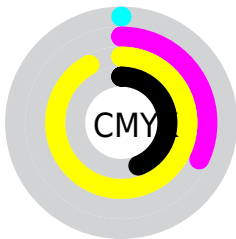
Blue (4%)



Red (32%)

Yellow (56%)

Blue (4%)

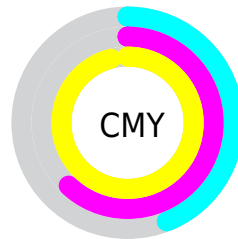


Cyan (0%)

Magenta (32%)

Yellow (92%)

Black (44%)



Cyan (44%)

Magenta (62%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3986, 14.1407, 2.2344 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 15.3986, 14.1407, 2.2344 by changing the saturation by 10% instead.

■ 15.3986, 14.1407,
2.2344

■ 15.3986, 14.1407,
2.2344

219.1072,
218.1044, 125.9165

■ 9.1877, 8.2186,
0.6941

■ 35.1169, 33.3385,
9.6723

■ 4.9219, 4.2351,
0.0000

■ 49.3550, 47.3829,
16.4314

■ 2.2358, 1.8059,
0.0000

■ 66.9996, 64.9036,
25.7753

■ 0.7615, 0.4909,
0.0000

■ 88.4161, 86.2849,
38.1226


■ 0.0000, 0.0000,
0.0000


■ 113.9697,
111.9113, 53.8919


■ 144.0258,


142.1670, 73.5016


 178.9499,
177.4366, 97.3703


 15.3986, 14.1407,
2.2344


 15.3986, 14.1407,
2.2344


 14.9946, 13.4294,
1.8018

 15.9856, 15.1272,
3.0086

 16.6797, 16.2030,
4.2031

 17.4921, 17.3739,
5.8729

 18.4320, 18.6444,
8.0646

 19.5076, 20.0186,
10.8191

■ 20.7265, 21.5001,
14.1729

■ 22.0953, 23.0925,
18.1599

■ 23.6204, 24.7990,
22.8110

■ 25.3078, 26.6226,
28.1554

Harmonies

Analogous

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



19.6551, 14.1407, 4.1711



15.3986, 14.1407, 2.2344



11.3521, 14.1407, 2.3065

Triad

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



15.3986, 14.1407, 2.2344



7.2074, 14.1407, 22.6210



19.9742, 14.1407, 36.8534

Complementary

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



15.3986, 14.1407, 2.2344



6.4836, 4.9503, 26.2047

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.



15.7701, 14.1407, 48.7990



15.3986, 14.1407, 2.2344



8.6967, 14.1407, 38.1305

Square

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



15.3986, 14.1407, 2.2344



7.1481, 14.1407, 10.6378



11.6555, 14.1407, 49.3584



22.6375, 14.1407, 21.3980

Rectangle

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



15.3986, 14.1407, 2.2344



9.2979, 14.1407, 3.4294



11.6555, 14.1407, 49.3584



18.6600, 14.1407, 41.6926

Sweetspot

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



15.3989, 14.1414, 2.2347



37.4040, 38.9212, 27.4399



12.0653, 6.3063, 4.7238



8.1555, 8.4588, 5.5598



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.3989, 14.1414, 2.2347



26.2843, 23.3667, 3.1249



18.1228, 23.6949, 3.9351



5.6823, 5.9710, 5.7424



13.4807, 12.0930, 1.6237



0.1496, 0.1571, 0.0224

Inverse Universe

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



6.4836, 4.9503, 26.2047



10.4696, 7.1634, 45.9587



5.4940, 2.4459, 25.7735



5.2748, 5.5455, 6.8211



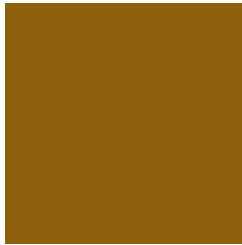
5.4185, 3.8230, 23.4294



0.0711, 0.0751, 0.2304

Previews

White Background



This preview shows how the XYZ color 15.3986, 14.1407, 2.2344 looks on a white background.

Color Contrast Check

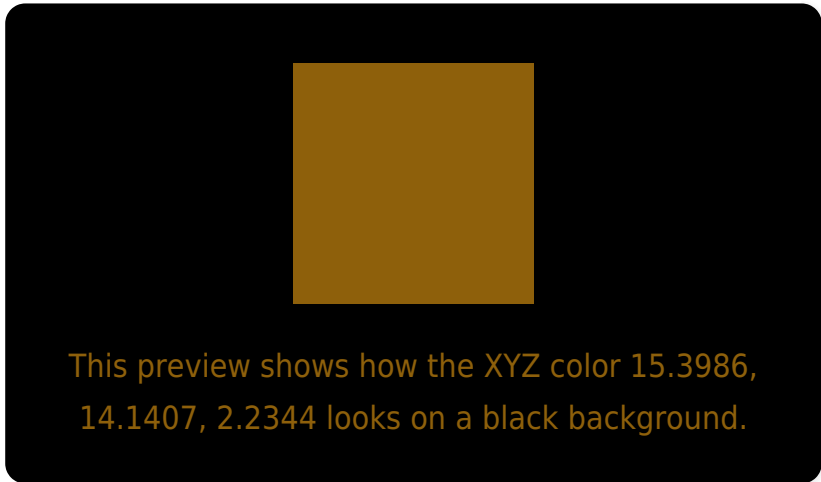
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3986, 14.1407, 2.2344

Background



This preview shows how black text looks on a background with the XYZ color 15.3986, 14.1407, 2.2344.



This preview shows how white text looks on a background with the XYZ color 15.3986, 14.1407,

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

15.3986, 14.1407, 2.2344

Protanopia

12.8410, 14.2617, 2.4915

Deuteranopia

14.3996, 14.1871, 2.0369



Tritanopia

17.5378, 14.1003, 12.8636

Trichromacy



Original Color

15.3986, 14.1407, 2.2344

Protanomaly

13.5764, 14.0438, 2.3759

Deuteranomaly

14.8058, 14.2530, 2.1143

Tritanomaly

16.4583, 14.0557, 6.8466

Monochromacy



Original Color

15.3986, 14.1407, 2.2344

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.5755, 12.9859, 7.3126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3986, 14.1407, 2.2344 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(142, 96, 11)` looks like.

```
.text, #text, p{  
    color:rgb(142, 96, 11)  
}
```

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(142, 96, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 96, 11) }
```

Border

The CSS property to change the border of an element to XYZ 15.3986, 14.1407, 2.2344 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(142, 96, 11) }
```


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

```
.border{ border-color:rgb(142, 96, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 96, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 96, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 96, 11);  
box-shadow:4px 4px 4px 4px rgb(142, 96,  
11) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3986, 14.1407, 2.2344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 96, 11) }
```

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

```
.background{ background-color: rgb(142, 96,  
11) }
```

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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