

Converting Colors

XYZ(14.4895, 14.4749, 1.5539)

Have a look what the booklet for
XYZ(14.4895, 14.4749, 1.5539)
contains.

XYZ(14.5829, 14.5711, 2.0439)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.5829, 14.5711,
2.0439)**

Conversions

Conversions Part 1

Format	Color
Hex	866600
RGB	134, 102, 0
RGB Percent	53%, 40%, 0%
CMY	0.4745, 0.6000, 1.0000
CMYK	0.00, 0.24, 1.00, 0.47
HSL	46°, 100%, 26%
HSV	46°, 100%, 53%
XYZ	14.5829, 14.5711, 2.0439
YIQ	99.9400, 51.8140, -24.9380

Conversions

Conversions Part 2

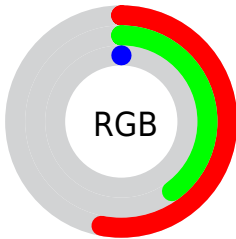
Format	Color
RYB	42, 134, 0
Decimal	8807936
CIELab	45.04, 4.57, 52.09
CIELCh	45, 52.290, 84.991
Yxy	14.5711, 0.4674, 0.4671
Android (android.graphics.Color)	4286998016 (0xFF866600)
YUV	99.9400, -49.2704, 29.8706
Hunter-Lab	38.1721, 1.3912, 23.5458

Details

The XYZ color **14.5829, 14.5711, 2.0439** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.8196, 2.7543, 22.8317**, and the grayscale version is **12.2108, 12.8467, 13.9900**.

A 20% lighter version of the original color is **33.7194, 34.1958, 9.2381**, and **4.6386, 4.4906, 0.6223** is the 20% darker color. If you saturate the color by 10%, you get **14.5831, 14.5716, 2.0440**, and if you desaturate by 10%, it is **14.9791, 15.2431, 2.5474**.

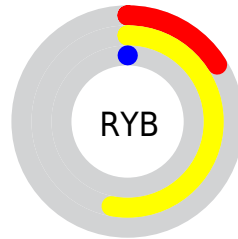
Distribution



Red (53%)

Green (40%)

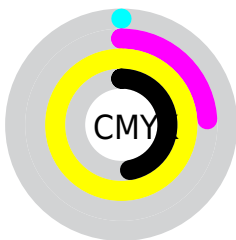
Blue (0%)



Red (16%)

Yellow (53%)

Blue (0%)

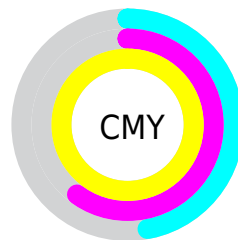


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5829, 14.5711, 2.0439 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 14.5829, 14.5711, 2.0439 by changing the saturation by 10% instead.

14.5829, 14.5711,
2.0439

14.5829, 14.5711,
2.0439

214.2664,
220.7553, 123.0548

8.6116, 8.5189,
0.5821

33.6975, 34.0990,
9.1605

4.5438, 4.4288,
0.0000

47.5715, 48.3435,
15.7006

2.0141, 1.9162,
0.0000

64.8104, 66.0876,
24.7866

0.6419, 0.5581,
0.0000

85.7796, 87.7156,
36.8371


0.0000, 0.0000,
0.0000


110.8444,
113.6120, 52.2707


140.3703,


144.1612, 71.5058


 174.7225,
179.7475, 94.9609


 14.5829, 14.5711,
2.0439


 14.5829, 14.5711,
2.0439


 14.5831, 14.5716,
2.0440

 14.9791, 15.2431,
2.5474

 15.4322, 15.9569,
3.2918

 15.9684, 16.7238,
4.4122

 16.5963, 17.5475,
5.9539

 17.3234, 18.4310,
7.9555

■ 18.1564, 19.3774,
10.4514

■ 19.1012, 20.3892,
13.4726

■ 20.1634, 21.4687,
17.0477

■ 21.3481, 22.6183,
21.2030

Harmonies

Analogous

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



19.1472, 14.5711, 3.3093



14.5829, 14.5711, 2.0439



10.6456, 14.5711, 2.6349

Triad

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



14.5829, 14.5711, 2.0439



7.6325, 14.5711, 28.1001



21.7732, 14.5711, 33.6670

Complementary

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



14.5829, 14.5711, 2.0439



4.8196, 2.7543, 22.8317

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.



17.6390, 14.5711, 48.4006



14.5829, 14.5711, 2.0439



9.6318, 14.5711, 44.1862

Square

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



14.5829, 14.5711, 2.0439



7.1448, 14.5711, 13.8890



13.1409, 14.5711, 53.0067



23.8111, 14.5711, 18.0210

Rectangle

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



14.5829, 14.5711, 2.0439



8.7934, 14.5711, 4.3294



13.1409, 14.5711, 53.0067



20.5459, 14.5711, 39.1545

Sweetspot

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



14.5832, 14.5718, 2.0442



33.5378, 35.8019, 23.3544



10.1131, 5.1811, 1.9432



7.4177, 7.9200, 4.8138



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.



14.5832, 14.5718, 2.0442



25.5728, 25.4311, 3.5609



13.8362, 19.7880, 3.0904



4.9480, 5.2396, 4.9799



13.6751, 13.6727, 1.9184



0.0530, 0.0586, 0.0085

Inverse Universe

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



4.8196, 2.7543, 22.8317



8.3886, 4.6467, 40.1932



4.9466, 2.0530, 22.6896



4.5181, 4.7119, 5.8721



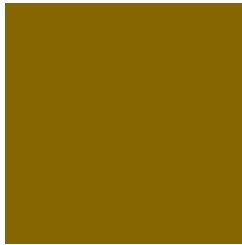
4.5240, 2.5958, 21.3993



0.0206, 0.0188, 0.0758

Previews

White Background



This preview shows how the XYZ color 14.5829, 14.5711, 2.0439 looks on a white background.

Color Contrast Check

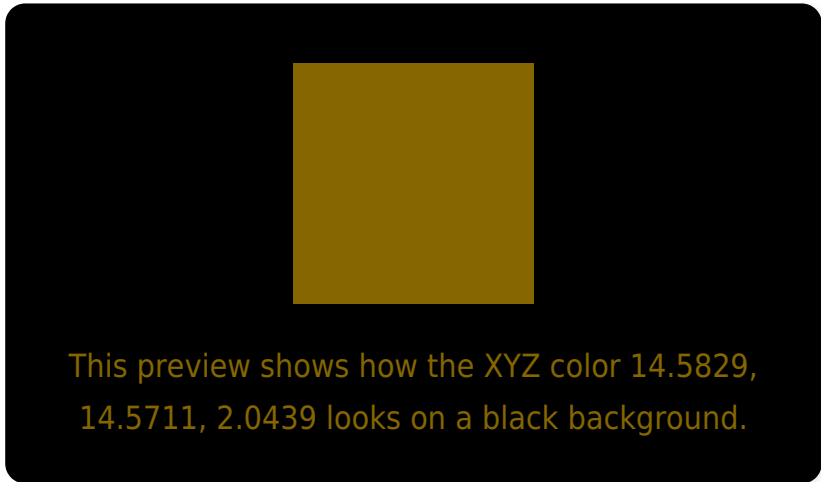
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5829, 14.5711, 2.0439

Background



This preview shows how black text looks on a background with the XYZ color 14.5829, 14.5711, 2.0439.



This preview shows how white text looks on a background with the XYZ color 14.5829, 14.5711,

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

14.5829, 14.5711, 2.0439

Protanopia

13.1812, 14.5957, 2.3235

Deuteranopia

14.6727, 14.4692, 2.1631



Tritanopia

17.1379, 14.6327, 14.4915

Trichromacy



Original Color

14.5829, 14.5711, 2.0439

Protanomaly

13.6777, 14.5475, 2.2019

Deuteranomaly

14.6618, 14.4648, 2.1054

Tritanomaly

15.6383, 14.4354, 6.9631

Monochromacy



Original Color

14.5829, 14.5711, 2.0439

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.2612, 13.1223, 6.7371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5829, 14.5711, 2.0439 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(134, 102, 0)` looks like.

```
.text, #text, p{  
    color:rgb(134, 102, 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(134, 102, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 102, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.5829, 14.5711, 2.0439 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(134, 102, 0) }
```


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

```
.border{ border-color:rgb(134, 102, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 102, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 102, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 102, 0);  
box-shadow:4px 4px 4px 4px rgb(134, 102,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5829, 14.5711, 2.0439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 102, 0) }
```

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

```
.background{ background-color: rgb(134,  
102, 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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