

Converting Colors

XYZ(14.4535, 14.0746, 1.9549)

Have a look what the booklet for
XYZ(14.4535, 14.0746, 1.9549)
contains.

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Color

**XYZ(14.4535, 14.0746,
1.9549)**

Conversions

Conversions Part 1

Format	Color
Hex	876300
RGB	135, 99, 0
RGB Percent	53%, 39%, 0%
CMY	0.4706, 0.6117, 1.0000
CMYK	0.00, 0.27, 1.00, 0.47
HSL	44°, 100%, 26%
HSV	44°, 100%, 53%
XYZ	14.4535, 14.0746, 1.9549
YIQ	98.4780, 53.2350, -23.1570

Conversions

Conversions Part 2

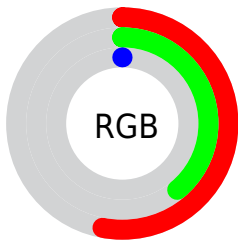
Format	Color
RYB	49, 135, 0
Decimal	8872704
CIELab	44.34, 6.79, 51.66
CIELCh	44, 52.109, 82.508
Yxy	14.0746, 0.4741, 0.4617
Android (android.graphics.Color)	4287062784 (0xFF876300)
YUV	98.4780, -48.5497, 32.0298
Hunter-Lab	37.5161, 3.1159, 23.1718

Details

The XYZ color **14.4535, 14.0746, 1.9549** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.0041, 3.0111, 23.2388**, and the grayscale version is **11.8376, 12.4541, 13.5625**.

A 20% lighter version of the original color is **33.3013, 33.0276, 8.8948**, and **4.5814, 4.2517, 0.5792** is the 20% darker color. If you saturate the color by 10%, you get **14.4536, 14.0750, 1.9550**, and if you desaturate by 10%, it is **14.8784, 14.8031, 2.4712**.

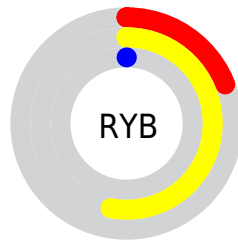
Distribution



Red (53%)

Green (39%)

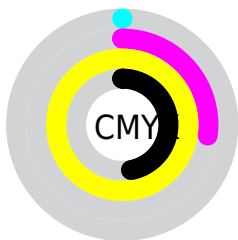
Blue (0%)



Red (19%)

Yellow (53%)

Blue (0%)

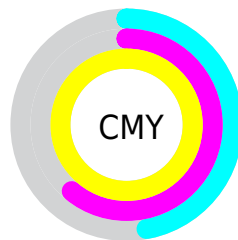


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4535, 14.0746, 1.9549 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 14.4535, 14.0746, 1.9549 by changing the saturation by 10% instead.

■ 14.4535, 14.0746,
1.9549

■ 14.4535, 14.0746,
1.9549

■ 213.4887,
217.6944, 121.6725

■ 8.5206, 8.1726,
0.5273

■ 33.4711, 33.2213,
8.9171

■ 4.4844, 4.2056,
0.0000

■ 47.2866, 47.2348,
15.3516

■ 1.9797, 1.7892,
0.0000

■ 64.4602, 64.7209,
24.3129

■ 0.6225, 0.4804,
0.0000

■ 85.3574, 86.0640,
36.2197


■ 0.0000, 0.0000,
0.0000


■ 110.3434,
111.6486, 51.4906


■ 139.7838,


141.8589, 70.5439


 174.0438,
177.0793, 93.7984


 14.4535, 14.0746,
1.9549


 14.4535, 14.0746,
1.9549


 14.4536, 14.0750,
1.9550

 14.8784, 14.8031,
2.4712

 15.3645, 15.5800,
3.2347

 15.9379, 16.4169,
4.3816

 16.6077, 17.3176,
5.9580

 17.3815, 18.2853,
8.0033

■ 18.2661, 19.3232,
10.5526

■ 19.2676, 20.4340,
13.6375

■ 20.3919, 21.6202,
17.2871

■ 21.6441, 22.8843,
21.5283

Harmonies

Analogous

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



18.8925, 14.0746, 3.3531



14.4535, 14.0746, 1.9549



10.5295, 14.0746, 2.3768

Triad

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



14.4535, 14.0746, 1.9549



7.2394, 14.0746, 25.9385



20.8251, 14.0746, 34.0478

Complementary

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



14.4535, 14.0746, 1.9549



5.0041, 3.0111, 23.2388

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.



16.6977, 14.0746, 47.9607



14.4535, 14.0746, 1.9549



9.0561, 14.0746, 41.8191

Square

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



14.4535, 14.0746, 1.9549



6.8842, 14.0746, 12.5142



12.3562, 14.0746, 51.3709



23.0379, 14.0746, 18.5277

Rectangle

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



14.4535, 14.0746, 1.9549



8.6468, 14.0746, 3.8458



12.3562, 14.0746, 51.3709



19.5792, 14.0746, 39.3400

Sweetspot

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



14.4538, 14.0753, 1.9552



34.3770, 36.4552, 24.0178



10.3101, 5.2784, 2.1448



7.8043, 8.2707, 5.0717



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.



14.4538, 14.0753, 1.9552



25.7479, 24.9338, 3.4556



14.3150, 20.2410, 3.1526



4.9375, 5.2186, 4.9764



13.3395, 13.0016, 1.8065



0.0522, 0.0571, 0.0083

Inverse Universe

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



5.0041, 3.0111, 23.2388



8.8447, 5.1589, 41.5780



4.9536, 2.0486, 23.0557



4.5281, 4.7317, 5.8754



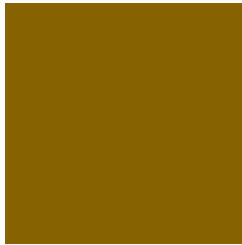
4.6242, 2.7962, 21.4327



0.0214, 0.0203, 0.0760

Previews

White Background



This preview shows how the XYZ color 14.4535, 14.0746, 1.9549 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 14.4535, 14.0746, 1.9549

Background



This preview shows how black text looks on a background with the XYZ color 14.4535, 14.0746, 1.9549.



This preview shows how white text looks on a background with the XYZ color 14.4535, 14.0746,

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

14.4535, 14.0746, 1.9549

Protanopia

12.8056, 14.2475, 2.3049

Deuteranopia

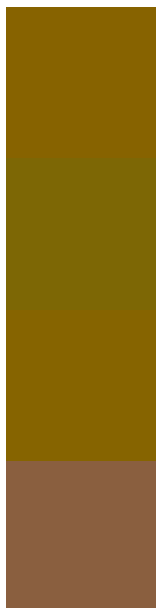
14.2300, 14.1009, 1.9717



Tritanopia

16.8945, 14.1306, 13.6414

Trichromacy



Original Color

14.4535, 14.0746, 1.9549

Protanomaly

13.3351, 14.0714, 2.1568

Deuteranomaly

14.3887, 14.1827, 1.9792

Tritanomaly

15.4706, 13.9466, 6.5792

Monochromacy



Original Color

14.4535, 14.0746, 1.9549

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.7927, 12.4627, 6.3414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4535, 14.0746, 1.9549 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(135, 99, 0)` looks like.

```
.text, #text, p{  
    color:rgb(135, 99, 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(135, 99, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 99, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.4535, 14.0746, 1.9549 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(135, 99, 0) }
```


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

```
.border{ border-color:rgb(135, 99, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 99, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 99, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 99, 0);  
box-shadow:4px 4px 4px 4px rgb(135, 99, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.4535, 14.0746, 1.9549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 99, 0) }
```

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

```
.background{ background-color: rgb(135, 99,  
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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