

Converting Colors

XYZ(14.9466, 16.0111, 1.3977)

Have a look what the booklet for
XYZ(14.9466, 16.0111, 1.3977)
contains.

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Color

**XYZ(15.0916, 16.0574,
2.3040)**

Conversions

Conversions Part 1

Format	Color
Hex	846E00
RGB	132, 110, 0
RGB Percent	52%, 43%, 0%
CMY	0.4824, 0.5686, 1.0000
CMYK	0.00, 0.17, 1.00, 0.48
HSL	50°, 100%, 26%
HSV	50°, 100%, 52%
XYZ	15.0916, 16.0574, 2.3040
YIQ	104.0380, 48.4220, -29.5460

Conversions

Conversions Part 2

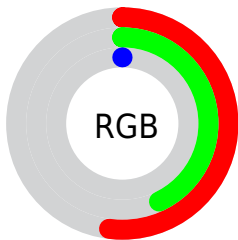
Format	Color
R_{YB}	26, 132, 0
Decimal	8678912
CIE Lab	47.05, -1.02, 53.39
CIE LCh	47, 53.397, 91.090
Yxy	16.0574, 0.4511, 0.4800
Android (android.graphics.Color)	4286868992 (0xFF846E00)
YUV	104.0380, -51.2907, 24.5227
Hunter-Lab	40.0717, -2.8997, 24.6412

Details

The XYZ color **15.0916, 16.0574, 2.3040** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.4518, 2.2399, 22.0271**, and the grayscale version is **13.2929, 13.9851, 15.2298**.

A 20% lighter version of the original color is **34.6006, 36.6564, 9.8092**, and **4.9194, 5.1747, 0.7395** is the 20% darker color. If you saturate the color by 10%, you get **15.0918, 16.0579, 2.3041**, and if you desaturate by 10%, it is **15.4062, 16.5684, 2.7738**.

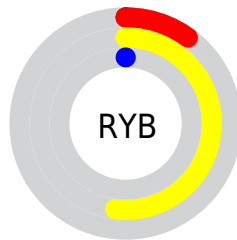
Distribution



Red (52%)

Green (43%)

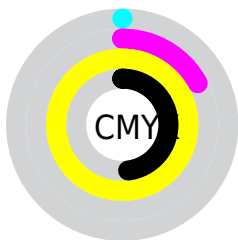
Blue (0%)



Red (10%)

Yellow (52%)

Blue (0%)

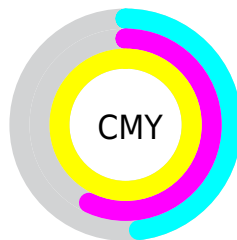


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (48%)



Cyan (48%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0916, 16.0574, 2.3040 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 15.0916, 16.0574, 2.3040 by changing the saturation by 10% instead.

■ 15.0916, 16.0574,
2.3040

■ 15.0916, 16.0574,
2.3040

217.2974,
229.6802, 126.9318

■ 8.9704, 9.5648,
0.7335

■ 34.5841, 36.6978,
9.8564

■ 4.7789, 5.1114,
0.0000

■ 48.6862, 51.6144,
16.6933

■ 2.1515, 2.3128,
0.0000

■ 66.1793, 70.1078,
26.1286

■ 0.7170, 0.7804,
0.0000

■ 87.4288, 92.5623,
38.5810


■ 0.0000, 0.0000,
0.0000


■ 112.7999,
119.3625, 54.4690


■ 142.6582,


150.8925, 74.2111


 177.3689,
187.5370, 98.2259


 15.0916, 16.0574,
2.3040


 15.0916, 16.0574,
2.3040


 15.0918, 16.0579,
2.3041

 15.4062, 16.5684,
2.7738

 15.7695, 17.1077,
3.4723

 16.2070, 17.6862,
4.5322

 16.7271, 18.3074,
5.9970

 17.3368, 18.9741,
7.9039

■ 18.0424, 19.6890,
10.2861

■ 18.8497, 20.4543,
13.1732

■ 19.7639, 21.2723,
16.5929

■ 20.7899, 22.1450,
20.5705

Harmonies

Analogous

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



20.0374, 16.0574, 3.2380



15.0916, 16.0574, 2.3040



11.0720, 16.0574, 3.3998

Triad

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



15.0916, 16.0574, 2.3040



8.7816, 16.0574, 34.4481



24.5693, 16.0574, 33.1312

Complementary

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



15.0916, 16.0574, 2.3040



4.4518, 2.2399, 22.0271

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.



20.3948, 16.0574, 50.1299



15.0916, 16.0574, 2.3040



11.3130, 16.0574, 51.1255

Square

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



15.0916, 16.0574, 2.3040



7.9187, 16.0574, 17.9784



15.4338, 16.0574, 57.9659



26.1394, 16.0574, 16.9983

Rectangle

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



15.0916, 16.0574, 2.3040



9.2775, 16.0574, 5.7804



15.4338, 16.0574, 57.9659



23.3872, 16.0574, 39.1728

Sweetspot

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



15.0920, 16.0582, 2.3043



33.1024, 35.9370, 22.8325



9.6605, 4.9636, 1.2083



7.5835, 8.2516, 4.8691



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.



15.0920, 16.0582, 2.3043



26.4915, 28.1002, 4.0276



12.2758, 18.5771, 2.9389



4.9755, 5.2945, 4.9891



14.6162, 15.5549, 2.2320



0.0550, 0.0626, 0.0092

Inverse Universe

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



4.4518, 2.2399, 22.0271



7.7629, 3.7876, 38.7751



5.2038, 2.2016, 21.9801



4.4926, 4.6608, 5.8636



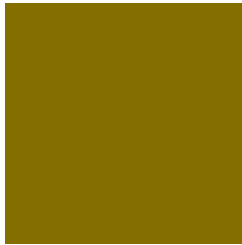
4.3133, 2.1744, 21.3291



0.0186, 0.0148, 0.0751

Previews

White Background



This preview shows how the XYZ color 15.0916, 16.0574, 2.3040 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



This preview shows how the XYZ color 15.0916, 16.0574, 2.3040 looks on a 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 15.0916, 16.0574, 2.3040

Background



This preview shows how black text looks on a background with the XYZ color 15.0916, 16.0574, 2.3040.



This preview shows how white text looks on a background with the XYZ color 15.0916, 16.0574,

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

15.0916, 16.0574, 2.3040

Protanopia

14.4257, 16.0349, 2.4783

Deuteranopia

16.1989, 15.9950, 2.5502



Tritanopia

18.0471, 16.0318, 16.8951

Trichromacy



Original Color

15.0916, 16.0574, 2.3040

Protanomaly

14.6030, 15.9646, 2.3980

Deuteranomaly

15.7773, 15.9340, 2.4450

Tritanomaly

16.3104, 15.7796, 7.9805

Monochromacy



Original Color

15.0916, 16.0574, 2.3040

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.0768, 14.2788, 7.2211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0916, 16.0574, 2.3040 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(132, 110, 0)` looks like.

```
.text, #text, p{  
    color:rgb(132, 110, 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(132, 110, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 110, 0) }
```

Border

The CSS property to change the border of an element to XYZ 15.0916, 16.0574, 2.3040 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(132, 110, 0) }
```


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

```
.border{ border-color:rgb(132, 110, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 110, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 110, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 110, 0);  
box-shadow:4px 4px 4px 4px rgb(132, 110,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0916, 16.0574, 2.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 110, 0) }
```

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

```
.background{ background-color: rgb(132,  
110, 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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