

Converting Colors

XYZ(15.0439, 14.8629, 1.6329)

Have a look what the booklet for
XYZ(15.0439, 14.8629, 1.6329)
contains.

XYZ(15.0679, 14.8211, 2.0666)	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(15.0679, 14.8211,
2.0666)**

Conversions

Conversions Part 1

Format	Color
Hex	896600
RGB	137, 102, 0
RGB Percent	54%, 40%, 0%
CMY	0.4627, 0.6000, 1.0000
CMYK	0.00, 0.26, 1.00, 0.46
HSL	45°, 100%, 27%
HSV	45°, 100%, 54%
XYZ	15.0679, 14.8211, 2.0666
YIQ	100.8370, 53.6020, -24.3020

Conversions

Conversions Part 2

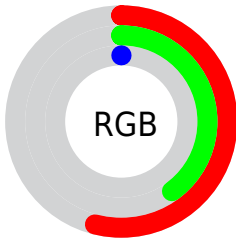
Format	Color
RYB	47, 137, 0
Decimal	9004544
CIELab	45.39, 6.00, 52.49
CIELCh	45, 52.835, 83.475
Yxy	14.8211, 0.4715, 0.4638
Android (android.graphics.Color)	4287194624 (0xFF896600)
YUV	100.8370, -49.7126, 31.7150
Hunter-Lab	38.4982, 2.4917, 23.7660

Details

The XYZ color **15.0679, 14.8211, 2.0666** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.1165, 3.0083, 23.9777**, and the grayscale version is **12.4426, 13.0906, 14.2556**.

A 20% lighter version of the original color is **34.4817, 34.5887, 9.2738**, and **4.8938, 4.6222, 0.6342** is the 20% darker color. If you saturate the color by 10%, you get **15.0681, 14.8215, 2.0667**, and if you desaturate by 10%, it is **15.4968, 15.5553, 2.5908**.

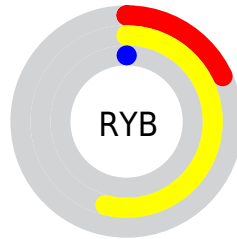
Distribution



Red (54%)

Green (40%)

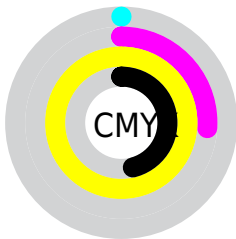
Blue (0%)



Red (18%)

Yellow (54%)

Blue (0%)

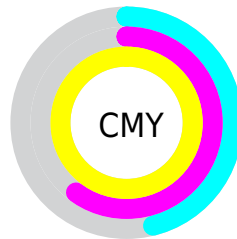


Cyan (0%)

Magenta (26%)

Yellow (100%)

Black (46%)



Cyan (46%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0679, 14.8211, 2.0666 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 15.0679, 14.8211, 2.0666 by changing the saturation by 10% instead.

■ 15.0679, 14.8211,
2.0666

■ 15.0679, 14.8211,
2.0666

217.1571,
222.2808, 123.4025

■ 8.9537, 8.6939,
0.5958

■ 34.5429, 34.5390,
9.2221

■ 4.7678, 4.5421,
0.0000

■ 48.6345, 48.8986,
15.7888

■ 2.1451, 1.9812,
0.0000

■ 66.1158, 66.7710,
24.9062

■ 0.7135, 0.5965,
0.0000


■ 87.3523, 88.5408,
36.9928


■ 0.0000, 0.0000,
0.0000


■ 112.7093,
114.5923, 52.4672


■ 142.5522,


145.3098, 71.7480


 177.2463,
181.0779, 95.2535


 15.0679, 14.8211,
2.0666


 15.0679, 14.8211,
2.0666


 15.0681, 14.8215,
2.0667

 15.4968, 15.5553,
2.5908

 15.9880, 16.3373,
3.3724

 16.5684, 17.1788,
4.5501

 17.2471, 18.0837,
6.1715

 18.0321, 19.0554,
8.2777

■ 18.9305, 20.0971,
10.9051

■ 19.9486, 21.2115,
14.0863

■ 21.0923, 22.4012,
17.8516

■ 22.3671, 23.6687,
22.2289

Harmonies

Analogous

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



19.7299, 14.8211, 3.4659



15.0679, 14.8211, 2.0666



10.9859, 14.8211, 2.5713

Triad

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



15.0679, 14.8211, 2.0666



7.6780, 14.8211, 27.8056



22.0144, 14.8211, 35.2180

Complementary

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



15.0679, 14.8211, 2.0666



5.1165, 3.0083, 23.9777

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.



17.7229, 14.8211, 50.0032



15.0679, 14.8211, 2.0666



9.6379, 14.8211, 44.3902

Square

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



15.0679, 14.8211, 2.0666



7.2564, 14.8211, 13.5441



13.1496, 14.8211, 54.0248



24.2439, 14.8211, 19.0428

Rectangle

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



15.0679, 14.8211, 2.0666



9.0422, 14.8211, 4.1860



13.1496, 14.8211, 54.0248



20.7271, 14.8211, 40.7952

Sweetspot

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



15.0682, 14.8218, 2.0669



35.5963, 37.8492, 24.8148



10.6432, 5.4491, 2.2032



7.8309, 8.3240, 5.0806



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.



15.0682, 14.8218, 2.0669



26.8491, 26.2723, 3.6560



14.7754, 20.8965, 3.2549



5.3247, 5.6323, 5.3589



14.0458, 13.8260, 1.9284



0.1051, 0.1153, 0.0167

Inverse Universe

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



5.1165, 3.0083, 23.9777



9.0476, 5.1573, 42.9018



5.1101, 2.1129, 23.8052



4.8718, 5.0865, 6.3309



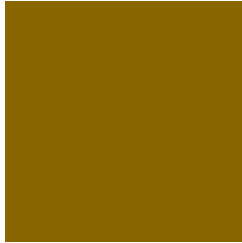
4.7745, 2.8192, 22.3382



0.0421, 0.0395, 0.1518

Previews

White Background



This preview shows how the XYZ color 15.0679, 14.8211, 2.0666 looks on a white background.

Color Contrast Check

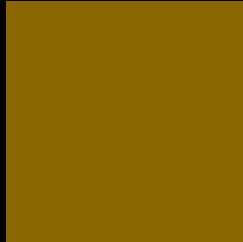
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0679, 14.8211, 2.0666 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 15.0679, 14.8211, 2.0666

Background



This preview shows how black text looks on a background with the XYZ color 15.0679, 14.8211, 2.0666.



This preview shows how white text looks on a background with the XYZ color 15.0679, 14.8211,

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

15.0679, 14.8211, 2.0666

Protanopia

13.4324, 14.8802, 2.3939

Deuteranopia

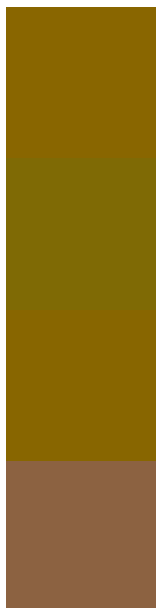
14.9047, 14.7370, 2.0590



Tritanopia

17.6458, 14.8945, 14.5153

Trichromacy



Original Color

15.0679, 14.8211, 2.0666

Protanomaly

13.9338, 14.8311, 2.2719

Deuteranomaly

14.9047, 14.7370, 2.0590

Tritanomaly

16.1370, 14.6925, 6.9864

Monochromacy



Original Color

15.0679, 14.8211, 2.0666

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.5185, 13.2549, 6.7491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0679, 14.8211, 2.0666 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, 102, 0)` looks like.

```
.text, #text, p{  
    color:rgb(137, 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(137, 102, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 102, 0) }
```

Border

The CSS property to change the border of an element to XYZ 15.0679, 14.8211, 2.0666 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, 102, 0) }
```


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

```
.border{ border-color:rgb(137, 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(137, 102, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 102, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 102, 0);  
box-shadow:4px 4px 4px 4px rgb(137, 102,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0679, 14.8211, 2.0666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 102, 0) }
```

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

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