

Converting Colors

XYZ(14.8295, 11.1114, 0.0000)

Have a look what the booklet for
XYZ(14.8295, 11.1114, 0.0000)
contains.

XYZ(15.0799, 11.2140, 1.3697)	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(15.0799, 11.2140,
1.3697)**

Conversions

Conversions Part 1

Format	Color
Hex	974800
RGB	151, 72, 0
RGB Percent	59%, 28%, 0%
CMY	0.4078, 0.7176, 1.0000
CMYK	0.00, 0.52, 1.00, 0.41
HSL	29°, 100%, 30%
HSV	29°, 100%, 59%
XYZ	15.0799, 11.2140, 1.3697
YIQ	87.4130, 70.1960, -5.6440

Conversions

Conversions Part 2

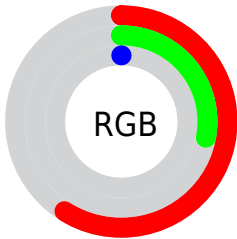
Format	Color
R_{YB}	151, 138, 0
Decimal	9914368
CIE Lab	39.94, 29.57, 49.93
CIE LCh	40, 58.028, 59.369
Yxy	11.2140, 0.5451, 0.4054
Android (android.graphics.Color)	4288104448 (0xFF974800)
YUV	87.4130, -43.0946, 55.7658
Hunter-Lab	33.4873, 21.7788, 21.0160

Details

The XYZ color **15.0799, 11.2140, 1.3697** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **8.3817, 7.8260, 30.3469**, and the grayscale version is **9.2284, 9.7090, 10.5731**.

A 20% lighter version of the original color is **34.5131, 28.0438, 7.2084**, and **4.8618, 3.0224, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **15.0801, 11.2145, 1.3698**, and if you desaturate by 10%, it is **15.7111, 12.3374, 2.0091**.

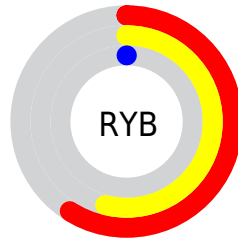
Distribution



Red (59%)

Green (28%)

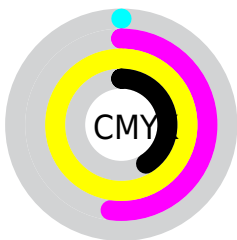
Blue (0%)



Red (59%)

Yellow (54%)

Blue (0%)

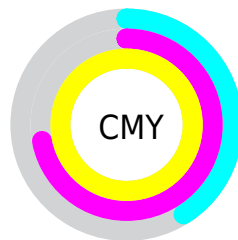


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (41%)



Cyan (41%)


Magenta (72%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0799, 11.2140, 1.3697 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 15.0799, 11.2140, 1.3697 by changing the saturation by 10% instead.


 15.0799, 11.2140,
1.3697


 15.0799, 11.2140,
1.3697


 217.2281,
199.1299, 111.6609


 8.9622, 6.2110,
0.1179


 34.5638, 28.0552,
7.2323


 4.7734, 2.9738,
0.0000

 48.6607, 40.6622,
12.9036


 2.1483, 1.1181,
0.0000

 66.1479, 56.5726,
20.9598

 0.7153, 0.0000,
0.0000

 87.3910, 76.1708,
31.8192


 0.0000, 0.0000,
0.0000


 112.7552, 99.8413,
45.9005


 142.6059,


127.9683, 63.6222


 177.3084,
160.9364, 85.4028


 15.0799, 11.2140,
1.3697


 15.0799, 11.2140,
1.3697


 15.0801, 11.2145,
1.3698

 15.7111, 12.3374,
2.0091

 16.4731, 13.6214,
3.0028

 17.3978, 15.0828,
4.5075

 18.4992, 16.7307,
6.5853

 19.7892, 18.5731,
9.2890

■ 21.2785, 20.6174,
12.6658

■ 22.9770, 22.8706,
16.7580

■ 24.8937, 25.3392,
21.6045

■ 27.0371, 28.0295,
27.2413

Harmonies

Analogous

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



18.8700, 11.2140, 4.2770



15.0799, 11.2140, 1.3697



10.7435, 11.2140, 0.7575

Triad

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



15.0799, 11.2140, 1.3697



4.6668, 11.2140, 11.9691



14.8957, 11.2140, 43.2481

Complementary

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



15.0799, 11.2140, 1.3697



8.3817, 7.8260, 30.3469

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.



10.5741, 11.2140, 50.1660



15.0799, 11.2140, 1.3697



5.2604, 11.2140, 26.5223

Square

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



15.0799, 11.2140, 1.3697



5.3134, 11.2140, 4.0716



7.1988, 11.2140, 42.6868



18.7463, 11.2140, 27.2334

Rectangle

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



15.0799, 11.2140, 1.3697



8.3046, 11.2140, 0.9870



7.1988, 11.2140, 42.6868



13.4200, 11.2140, 47.0369

Sweetspot

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



15.0801, 11.2146, 1.3699



40.9550, 40.7048, 29.5329



14.2303, 7.1665, 8.3266



9.0320, 8.8876, 6.0376



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



15.0801, 11.2146, 1.3699



26.8258, 19.7222, 2.3929



23.0362, 27.1268, 4.0219



6.4396, 6.6842, 6.5566



12.8573, 9.5969, 1.1747



0.2283, 0.2157, 0.0296

Inverse Universe

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



8.3817, 7.8260, 30.3469



14.8263, 13.6467, 54.2863



5.6406, 2.3437, 29.4332



6.1384, 6.5342, 7.8667



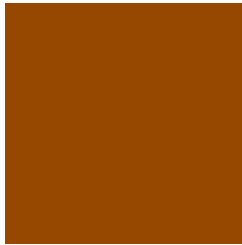
7.1592, 6.7150, 25.8265



0.1434, 0.1732, 0.3982

Previews

White Background



This preview shows how the XYZ color 15.0799, 11.2140, 1.3697 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 15.0799, 11.2140, 1.3697 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 15.0799, 11.2140, 1.3697

Background



This preview shows how black text looks on a background with the XYZ color 15.0799, 11.2140, 1.3697.



This preview shows how white text looks on a background with the XYZ color 15.0799, 11.2140,

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

15.0799, 11.2140, 1.3697

Protanopia

10.2349, 11.3419, 2.0652

Deuteranopia

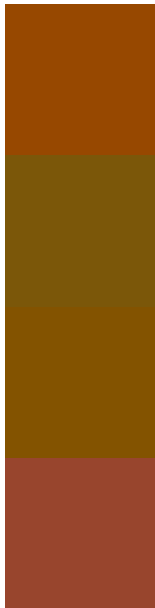
11.4019, 11.3054, 1.5812



Tritanopia

16.2814, 11.2415, 7.2729

Trichromacy



Original Color

15.0799, 11.2140, 1.3697

Protanomaly

11.6259, 11.0471, 1.7780

Deuteranomaly

12.4533, 11.0118, 1.4691

Tritanomaly

15.5507, 11.1211, 3.8096

Monochromacy



Original Color

15.0799, 11.2140, 1.3697

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

10.1373, 9.6254, 4.9380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0799, 11.2140, 1.3697 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(151, 72, 0)` looks like.

```
.text, #text, p{  
    color:rgb(151, 72, 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(151, 72, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 72, 0) }
```

Border

The CSS property to change the border of an element to XYZ 15.0799, 11.2140, 1.3697 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(151, 72, 0) }
```


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

```
.border{ border-color:rgb(151, 72, 0) }
```

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

Here you see how a box with a 4 pixel rgb(151, 72, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 72, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 72, 0);  
box-shadow:4px 4px 4px 4px rgb(151, 72, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.0799, 11.2140, 1.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 72, 0) }
```

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

```
.background{ background-color: rgb(151, 72,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor