

Converting Colors

XYZ(15.4044, 11.3058, 0.0000)

Have a look what the booklet for
XYZ(15.4044, 11.3058, 0.0000)
contains.

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Color

**XYZ(15.5797, 11.3765,
1.3747)**

Conversions

Conversions Part 1

Format	Color
Hex	9A4700
RGB	154, 71, 0
RGB Percent	60%, 28%, 0%
CMY	0.3961, 0.7215, 1.0000
CMYK	0.00, 0.54, 1.00, 0.40
HSL	28°, 100%, 30%
HSV	28°, 100%, 60%
XYZ	15.5797, 11.3765, 1.3747
YIQ	87.7230, 72.2590, -4.4850

Conversions

Conversions Part 2

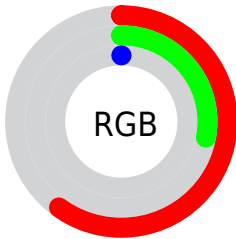
Format	Color
RYB	154, 132, 0
Decimal	10110720
CIELab	40.21, 31.36, 50.34
CIElCh	40, 59.310, 58.074
Yxy	11.3765, 0.5499, 0.4016
Android (android.graphics.Color)	4288300800 (0xFF9A4700)
YUV	87.7230, -43.2474, 58.1249
Hunter-Lab	33.7291, 23.4246, 21.1939

Details

The XYZ color **15.5797, 11.3765, 1.3747** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **8.9257, 8.5190, 31.7456**, and the grayscale version is **9.2960, 9.7801, 10.6506**.

A 20% lighter version of the original color is **35.5513, 28.3977, 7.2220**, and **5.0257, 3.0457, 0.3230** is the 20% darker color. If you saturate the color by 10%, you get **15.5799, 11.3770, 1.3748**, and if you desaturate by 10%, it is **16.2335, 12.5417, 2.0323**.

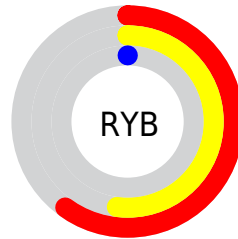
Distribution



Red (60%)

Green (28%)

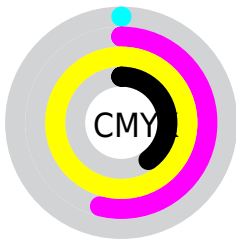
Blue (0%)



Red (60%)

Yellow (52%)

Blue (0%)

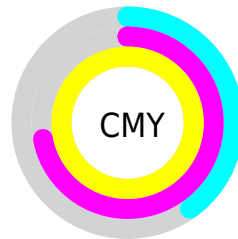


Cyan (0%)

Magenta (54%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (72%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5797, 11.3765, 1.3747 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 15.5797, 11.3765, 1.3747 by changing the saturation by 10% instead.

■ 15.5797, 11.3765,
1.3747

■ 15.5797, 11.3765,
1.3747

■ 220.1682,
200.2327, 111.7548

■ 9.3162, 6.3207,
0.1219

■ 35.4304, 28.3543,
7.2474

■ 5.0067, 3.0410,
0.0000

■ 49.7482, 41.0451,
12.9259

■ 2.2860, 1.1532,
0.0000

■ 67.4816, 57.0496,
20.9906

■ 0.7875, 0.0230,
0.0000

■ 88.9958, 76.7523,
31.8599


■ 0.0000, 0.0000,
0.0000


■ 114.6562,
100.5376, 45.9524


■ 144.8281,


128.7898, 63.6867


 179.8770,
161.8934, 85.4813


 15.5797, 11.3765,
1.3747


 15.5797, 11.3765,
1.3747


 15.5799, 11.3770,
1.3748

 16.2335, 12.5417,
2.0323

 17.0284, 13.8825,
3.0647

 17.9976, 15.4170,
4.6328

 19.1558, 17.1550,
6.8019

 20.5158, 19.1054,
9.6278

■ 22.0891, 21.2765,
13.1600

■ 23.8863, 23.6758,
17.4429

■ 25.9170, 26.3108,
22.5175

■ 28.1903, 29.1881,
28.4216

Harmonies

Analogous

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



19.4425, 11.3765, 4.4706



15.5797, 11.3765, 1.3747



11.0821, 11.3765, 0.7024

Triad

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



15.5797, 11.3765, 1.3747



4.6597, 11.3765, 11.6384



14.9974, 11.3765, 45.2416

Complementary

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



15.5797, 11.3765, 1.3747



8.9257, 8.5190, 31.7456

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.



10.5483, 11.3765, 51.8561



15.5797, 11.3765, 1.3747



5.2106, 11.3765, 26.4693

Square

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



15.5797, 11.3765, 1.3747



5.3764, 11.3765, 3.8325



7.1337, 11.3765, 43.4531



19.0505, 11.3765, 28.7268

Rectangle

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



15.5797, 11.3765, 1.3747



8.5316, 11.3765, 0.9046



7.1337, 11.3765, 43.4531



13.4687, 11.3765, 49.0275

Sweetspot

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



15.5799, 11.3771, 1.3749



43.1830, 42.7347, 31.1778



14.9542, 7.5212, 9.1956



9.4749, 9.2761, 6.3347



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



15.5799, 11.3771, 1.3749



28.1126, 20.2880, 2.4343



23.6515, 27.5203, 4.0654



6.4317, 6.6685, 6.5540



12.7285, 9.3394, 1.1318



0.2261, 0.2113, 0.0289

Inverse Universe

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



8.9257, 8.5190, 31.7456



16.0183, 15.0835, 57.6035



5.9163, 2.5003, 30.7425



6.1463, 6.5500, 7.8693



7.3080, 7.0127, 25.8761



0.1456, 0.1776, 0.3990

Previews

White Background



This preview shows how the XYZ color 15.5797, 11.3765, 1.3747 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 15.5797, 11.3765, 1.3747 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 15.5797, 11.3765, 1.3747

Background



This preview shows how black text looks on a background with the XYZ color 15.5797, 11.3765, 1.3747.



This preview shows how white text looks on a background with the XYZ color 15.5797, 11.3765,

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

15.5797, 11.3765, 1.3747

Protanopia

10.4465, 11.5856, 2.1011

Deuteranopia

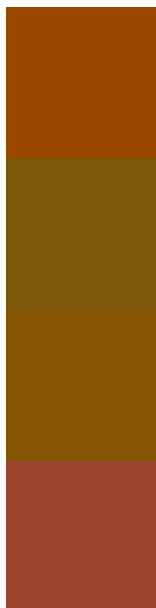
11.6262, 11.5471, 1.6160



Tritanopia

16.7640, 11.4065, 7.1125

Trichromacy



Original Color

15.5797, 11.3765, 1.3747

Protanomaly

11.9150, 11.1961, 1.7915

Deuteranomaly

12.8432, 11.3272, 1.5095

Tritanomaly

16.0583, 11.2923, 3.8159

Monochromacy



Original Color

15.5797, 11.3765, 1.3747

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

10.4132, 9.7649, 5.0774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5797, 11.3765, 1.3747 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(154, 71, 0)` looks like.

```
.text, #text, p{  
    color:rgb(154, 71, 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(154, 71, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 71, 0) }
```

Border

The CSS property to change the border of an element to XYZ 15.5797, 11.3765, 1.3747 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(154, 71, 0) }
```


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

```
.border{ border-color:rgb(154, 71, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 71, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 71, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 71, 0);  
box-shadow:4px 4px 4px 4px rgb(154, 71, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.5797, 11.3765, 1.3747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 71, 0) }
```

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

```
.background{ background-color: rgb(154, 71,  
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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