

Converting Colors

XYZ(11.4038, 7.0018, 0.0000)

Have a look what the booklet for
XYZ(11.4038, 7.0018, 0.0000)
contains.

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Color

**XYZ(11.5740, 7.0930,
0.7591)**

Conversions

Conversions Part 1

Format	Color
Hex	8C2800
RGB	140, 40, 0
RGB Percent	55%, 16%, 0%
CMY	0.4510, 0.8431, 1.0000
CMYK	0.00, 0.71, 1.00, 0.45
HSL	17°, 100%, 27%
HSV	17°, 100%, 55%
XYZ	11.5740, 7.0930, 0.7591
YIQ	65.3400, 72.4400, 8.7600

Conversions

Conversions Part 2

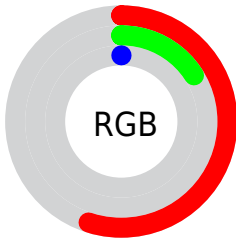
Format	Color
R_{YB}	140, 56, 0
Decimal	9185280
CIE Lab	32.02, 40.86, 44.35
CIE LCh	32, 60.297, 47.345
Yxy	7.0930, 0.5958, 0.3651
Android (android.graphics.Color)	4287375360 (0xFF8C2800)
YUV	65.3400, -32.2126, 65.4768
Hunter-Lab	26.6327, 30.9651, 16.9530

Details

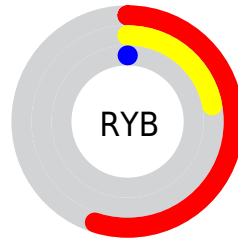
The XYZ color **11.5740, 7.0930, 0.7591** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **9.2903, 11.0069, 26.4456**, and the grayscale version is **5.1170, 5.3835, 5.8627**.

A 20% lighter version of the original color is **28.3829, 20.1214, 5.2936**, and **3.3933, 1.7493, 0.1588** is the 20% darker color. If you saturate the color by 10%, you get **11.5741, 7.0933, 0.7591**, and if you desaturate by 10%, it is **12.0353, 7.8888, 1.3039**.

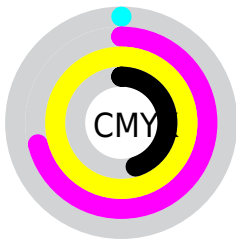
Distribution



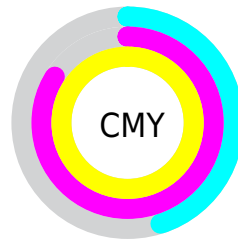
- Red (55%)
- Green (16%)
- Blue (0%)



- Red (55%)
- Yellow (22%)
- Blue (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (100%)
- Black (45%)




- Cyan (45%)
- Magenta (84%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 11.5740, 7.0930, 0.7591 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 11.5740, 7.0930, 0.7591 by changing the saturation by 10% instead.


 11.5740, 7.0930,
0.7591


 11.5740, 7.0930,
0.7591


 195.3924,
168.4342, 98.7862


 6.5244, 3.5203,
0.0000


 28.3405, 20.1601,
5.2787

 3.2102, 1.4090,
0.0000

 40.7881, 30.4232,
9.9777


 1.2659, 0.2234,
0.0000

 56.4324, 43.6854,
16.8654

 0.1574, 0.0000,
0.0000

 75.6388, 60.3309,
26.3606


 0.0000, 0.0000,
0.0000

 98.7726, 80.7441,
38.8817


 126.1993,


105.3095, 54.8474


 158.2841,
134.4114, 74.6760


 11.5740, 7.0930,
0.7591


 11.5740, 7.0930,
0.7591


 11.5741, 7.0933,
0.7591

 12.0353, 7.8888,
1.3039

 12.6409, 8.8915,
2.1487

 13.4235, 10.1235,
3.4372

 14.3980, 11.5989,
5.2216

 15.5772, 13.3306,
7.5467

■ 16.9729, 15.3305,
10.4524

■ 18.5960, 17.6097,
13.9746

■ 20.4566, 20.1788,
18.1465

■ 22.5640, 23.0475,
22.9986

Harmonies

Analogous

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



14.0748, 7.0930, 3.7056



11.5740, 7.0930, 0.7591



8.1166, 7.0930, 0.0000

Triad

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



11.5740, 7.0930, 0.7591



2.4720, 7.0930, 4.5847



8.6553, 7.0930, 37.6228

Complementary

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



11.5740, 7.0930, 0.7591



9.2903, 11.0069, 26.4456

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.



5.5315, 7.0930, 38.6593



11.5740, 7.0930, 0.7591



2.5365, 7.0930, 13.9252

Square

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



11.5740, 7.0930, 0.7591



3.2705, 7.0930, 1.0036



3.4855, 7.0930, 27.9678



12.0698, 7.0930, 25.7277

Rectangle

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



11.5740, 7.0930, 0.7591



6.0161, 7.0930, 0.0000



3.4855, 7.0930, 27.9678



7.5234, 7.0930, 39.4591

Sweetspot

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



11.5742, 7.0934, 0.7592



32.5924, 30.7773, 24.2111



13.1316, 6.5020, 12.7043



7.2556, 6.7361, 5.0218



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



11.5742, 7.0934, 0.7592



20.2840, 12.2622, 1.2978



16.3552, 16.6555, 2.3529



5.1417, 5.2663, 5.2979



10.2994, 6.3333, 0.6796



0.0797, 0.0645, 0.0083

Inverse Universe

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



9.2903, 11.0069, 26.4456



16.2374, 19.1219, 46.5781



5.2064, 2.8390, 25.0843



5.0541, 5.4512, 6.3916



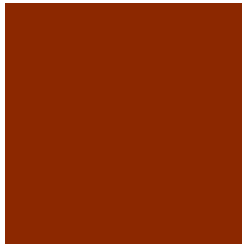
8.2721, 9.8146, 23.5041



0.0675, 0.0903, 0.1603

Previews

White Background



This preview shows how the XYZ color 11.5740, 7.0930, 0.7591 looks on a white background.

Color Contrast Check

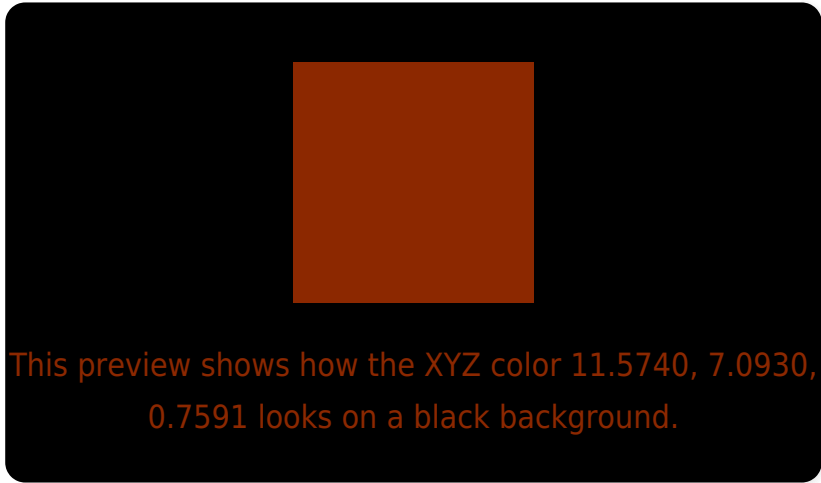
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

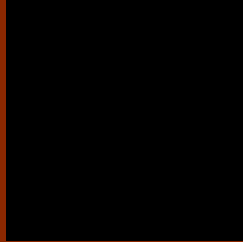
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.5740, 7.0930, 0.7591

Background



This preview shows how black text looks on a background with the XYZ color 11.5740, 7.0930, 0.7591.



This preview shows how white text looks on a background with the XYZ color 11.5740, 7.0930,

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

11.5740, 7.0930, 0.7591

Protanopia

6.5852, 7.3236, 1.5567

Deuteranopia

7.3123, 7.3065, 1.0249



Tritanopia

12.0123, 7.1323, 2.6630

Trichromacy



Original Color

11.5740, 7.0930, 0.7591

Protanomaly

7.8320, 6.7529, 1.1778

Deuteranomaly

8.4788, 6.8482, 0.8750

Tritanomaly

11.8531, 7.1191, 1.6691

Monochromacy



Original Color

11.5740, 7.0930, 0.7591

Achromatopsia

5.0244, 5.2861, 5.7565

Achromatomaly

6.2280, 5.2638, 2.7856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5740, 7.0930, 0.7591 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(140, 40, 0)` looks like.

```
.text, #text, p{  
    color:rgb(140, 40, 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(140, 40, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 40, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.5740, 7.0930, 0.7591 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(140, 40, 0) }
```


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

```
.border{ border-color:rgb(140, 40, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 40, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 40, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 40, 0);  
box-shadow:4px 4px 4px 4px rgb(140, 40, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.5740, 7.0930, 0.7591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 40, 0) }
```

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

```
.background{ background-color: rgb(140, 40,  
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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