

Converting Colors

XYZ(10.9985, 7.1629, 0.8029)

Have a look what the booklet for
XYZ(10.9985, 7.1629, 0.8029)
contains.

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Color

**XYZ(11.0082, 7.1839,
0.8064)**

Conversions

Conversions Part 1

Format	Color
Hex	872F00
RGB	135, 47, 0
RGB Percent	53%, 18%, 0%
CMY	0.4706, 0.8157, 1.0000
CMYK	0.00, 0.65, 1.00, 0.47
HSL	21°, 100%, 26%
HSV	21°, 100%, 53%
XYZ	11.0082, 7.1839, 0.8064
YIQ	67.9540, 67.5350, 4.0390

Conversions

Conversions Part 2

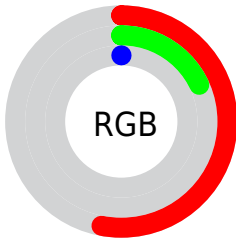
Format	Color
R_YB	135, 72, 0
Decimal	8859392
CIE Lab	32.22, 35.87, 44.02
CIE LCh	32, 56.784, 50.826
Yxy	7.1839, 0.5794, 0.3781
Android (android.graphics.Color)	4287049472 (0xFF872F00)
YUV	67.9540, -33.5013, 58.7993
Hunter-Lab	26.8028, 26.4070, 16.9781

Details

The XYZ color **11.0082, 7.1839, 0.8064** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **7.8625, 8.7279, 24.1918**, and the grayscale version is **5.5319, 5.8200, 6.3380**.

A 20% lighter version of the original color is **27.3347, 20.3732, 5.3975**, and **3.0606, 1.5778, 0.1432** is the 20% darker color. If you saturate the color by 10%, you get **11.0083, 7.1843, 0.8065**, and if you desaturate by 10%, it is **11.4723, 7.9907, 1.3356**.

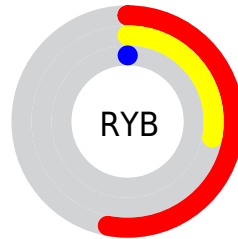
Distribution



Red (53%)

Green (18%)

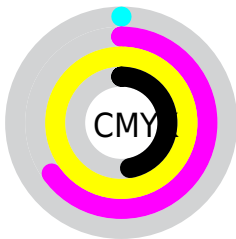
Blue (0%)



Red (53%)

Yellow (28%)

Blue (0%)

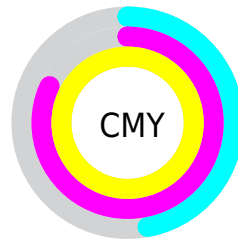


Cyan (0%)

Magenta (65%)

Yellow (100%)

Black (47%)



Cyan (47%)


Magenta (82%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 11.0082, 7.1839, 0.8064 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 11.0082, 7.1839, 0.8064 by changing the saturation by 10% instead.


 11.0082, 7.1839,
0.8064


 11.0082, 7.1839,
0.8064


 191.6309,
169.1831, 99.8254


 6.1397, 3.5774,
0.0000


 27.3081, 20.3422,
5.4270


 2.9717, 1.4401,
0.0000

 39.4703, 30.6628,
10.2039


 1.1388, 0.2460,
0.0000

 54.7944, 43.9902,
17.1861

 0.0572, 0.0000,
0.0000


 73.6457, 60.7088,
26.7922


 0.0000, 0.0000,
0.0000

 96.3897, 81.2030,
39.4406


 123.3916,

105.8572, 55.5499


 155.0169,
135.0558, 75.5386


 11.0082, 7.1839,
0.8064


 11.0082, 7.1839,
0.8064


 11.0083, 7.1843,
0.8065

 11.4723, 7.9907,
1.3356

 12.0571, 8.9653,
2.1319

 12.7923, 10.1258,
3.3326

 13.6901, 11.4825,
4.9848

 14.7611, 13.0448,
7.1291

■ 16.0150, 14.8214,
9.8013

■ 17.4607, 16.8205,
13.0341

■ 19.1065, 19.0498,
16.8573

■ 20.9601, 21.5167,
21.2987

Harmonies

Analogous

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



13.5079, 7.1839, 3.3956



11.0082, 7.1839, 0.8064



7.7597, 7.1839, 0.0000

Triad

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



11.0082, 7.1839, 0.8064



2.6595, 7.1839, 5.5349



9.0172, 7.1839, 34.3994

Complementary

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



11.0082, 7.1839, 0.8064



7.8625, 8.7279, 24.1918

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.



5.9741, 7.1839, 36.7096



11.0082, 7.1839, 0.8064



2.8194, 7.1839, 15.0157

Square

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



11.0082, 7.1839, 0.8064



3.3437, 7.1839, 1.4377



3.8680, 7.1839, 27.9861



12.1501, 7.1839, 22.9419

Rectangle

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



11.0082, 7.1839, 0.8064



5.8300, 7.1839, 0.0000



3.8680, 7.1839, 27.9861



7.9340, 7.1839, 36.4852

Sweetspot

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



11.0084, 7.1843, 0.8065



31.0840, 29.8691, 22.9201



11.8371, 5.8891, 10.1857



6.9711, 6.6043, 4.7940



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.



11.0084, 7.1843, 0.8065



19.5760, 12.5899, 1.3983



15.8411, 16.8498, 2.4174



4.7954, 4.9344, 4.9291



10.1628, 6.6481, 0.7476



0.0416, 0.0357, 0.0047

Inverse Universe

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



7.8625, 8.7279, 24.1918



13.9266, 15.3227, 43.2719



4.6697, 2.3424, 23.1276



4.6688, 5.0131, 5.9223



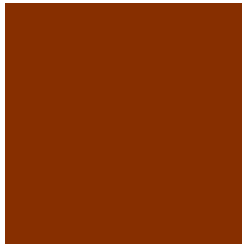
7.2629, 8.0736, 22.3123



0.0320, 0.0417, 0.0796

Previews

White Background



This preview shows how the XYZ color 11.0082, 7.1839, 0.8064 looks on a white background.

Color Contrast Check

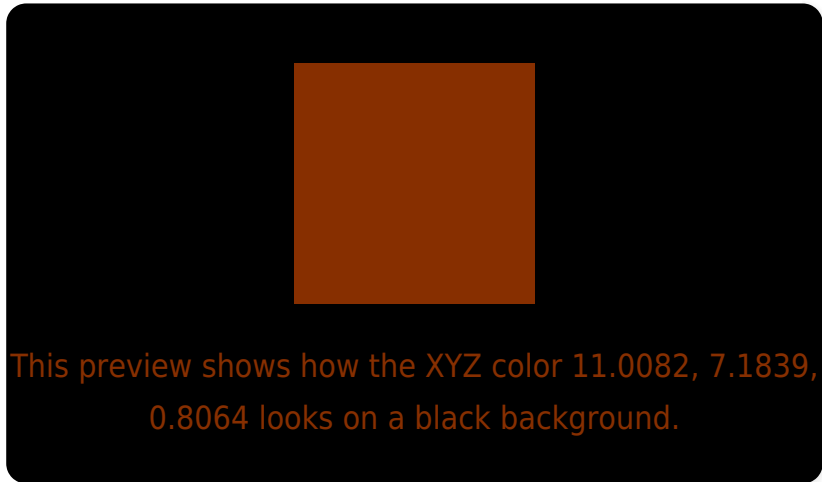
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.0082, 7.1839, 0.8064

Background



This preview shows how black text looks on a background with the XYZ color 11.0082, 7.1839, 0.8064.



This preview shows how white text looks on a background with the XYZ color 11.0082, 7.1839,

0.8064.

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

11.0082, 7.1839, 0.8064

Protanopia

6.6636, 7.3657, 1.4860

Deuteranopia

7.3123, 7.3065, 1.0249



Tritanopia

11.5472, 7.2329, 3.3722

Trichromacy



Original Color

11.0082, 7.1839, 0.8064

Protanomaly

7.7064, 6.8592, 1.1762

Deuteranomaly

8.3889, 7.0463, 0.9179

Tritanomaly

11.3135, 7.1997, 1.9558

Monochromacy



Original Color

11.0082, 7.1839, 0.8064

Achromatopsia

5.4944, 5.7805, 6.2950

Achromatomaly

6.4655, 5.6814, 3.0414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0082, 7.1839, 0.8064 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(135, 47, 0)` looks like.

```
.text, #text, p{  
    color:rgb(135, 47, 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(135, 47, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 47, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.0082, 7.1839, 0.8064 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(135, 47, 0) }
```


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

```
.border{ border-color:rgb(135, 47, 0) }
```

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

Here you see how a box with a 4 pixel rgb(135, 47, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 47, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 47, 0);  
box-shadow:4px 4px 4px 4px rgb(135, 47, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.0082, 7.1839, 0.8064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 47, 0) }
```

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

```
.background{ background-color: rgb(135, 47,  
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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