

Converting Colors

XYZ(10.7927, 8.7160, 1.4301)

Have a look what the booklet for
XYZ(10.7927, 8.7160, 1.4301)
contains.

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Color

**XYZ(10.7927, 8.7160,
1.4301)**

Conversions

Conversions Part 1

Format	Color
Hex	7E450B
RGB	126, 69, 11
RGB Percent	49%, 27%, 4%
CMY	0.5059, 0.7294, 0.9569
CMYK	0.00, 0.45, 0.91, 0.51
HSL	30°, 84%, 27%
HSV	30°, 91%, 49%
XYZ	10.7927, 8.7160, 1.4301
YIQ	79.4310, 52.5900, -5.9540

Conversions

Conversions Part 2

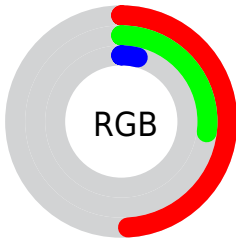
Format	Color
RYB	124, 126, 11
Decimal	8275211
CIELab	35.43, 20.43, 41.49
CIElCh	35, 46.246, 63.778
Yxy	8.7160, 0.5154, 0.4163
Android (android.graphics.Color)	4286465291 (0xFF7E450B)
YUV	79.4310, -33.7365, 40.8410
Hunter-Lab	29.5229, 13.5894, 17.7940

Details

The XYZ color **10.7927, 8.7160, 1.4301** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **5.9709, 5.7114, 20.5262**, and the grayscale version is **7.5710, 7.9652, 8.6741**.

A 20% lighter version of the original color is **26.8225, 23.3504, 7.3683**, and **2.9252, 1.9929, 0.2305** is the 20% darker color. If you saturate the color by 10%, you get **10.4123, 8.0520, 1.0054**, and if you desaturate by 10%, it is **11.2979, 9.5658, 2.0935**.

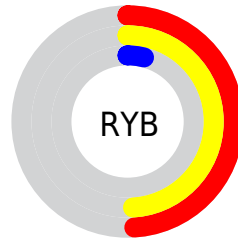
Distribution



Red (49%)

Green (27%)

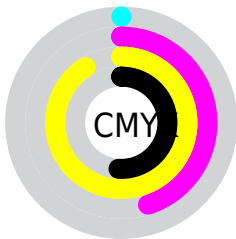
Blue (4%)



Red (49%)

Yellow (49%)

Blue (4%)

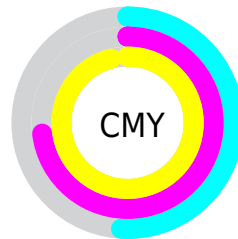


Cyan (0%)

Magenta (45%)

Yellow (91%)

Black (51%)



Cyan (51%)


Magenta (73%)

Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 10.7927, 8.7160, 1.4301 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 10.7927, 8.7160, 1.4301 by changing the saturation by 10% instead.


 10.7927, 8.7160,
1.4301


 10.7927, 8.7160,
1.4301


 190.1776,
181.2449, 112.7839

 5.9939, 4.5564,
0.1650


 26.9126, 23.3506,
7.4143


 2.8820, 1.9894,
0.0000

 38.9643, 34.5944,
13.1710


 1.0917, 0.6013,
0.0000

 54.1644, 48.9684,
21.3289

 0.0181, 0.0000,
0.0000


 72.8782, 66.8569,
32.3064


 0.0000, 0.0000,
0.0000


 95.4711, 88.6445,
46.5221


 122.3083,

114.7154, 64.3946


 153.7554,
145.4541, 86.3423


 10.7927, 8.7160,
1.4301

 10.7927, 8.7160,
1.4301


 10.4123, 8.0520,
1.0054

 11.2979, 9.5658,
2.0935

 11.9049, 10.5227,
3.0889

 12.6226, 11.5922,
4.4561

 13.4585, 12.7793,
6.2291

 14.4193, 14.0882,
8.4381

■ 15.5111, 15.5230,
11.1104

■ 16.7396, 17.0877,
14.2709

■ 18.1101, 18.7858,
17.9428

■ 19.6275, 20.6208,
22.1478

Harmonies

Analogous

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



13.3841, 8.7160, 3.3973



10.7927, 8.7160, 1.4301



7.9473, 8.7160, 1.0470

Triad

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



10.7927, 8.7160, 1.4301



4.1131, 8.7160, 10.5027



11.5141, 8.7160, 27.9550

Complementary

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



10.7927, 8.7160, 1.4301



5.9709, 5.7114, 20.5262

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.



8.6307, 8.7160, 33.3536



10.7927, 8.7160, 1.4301



4.6790, 8.7160, 20.3706

Square

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



10.7927, 8.7160, 1.4301



4.4494, 8.7160, 4.3253



6.1982, 8.7160, 30.0142



13.8600, 8.7160, 17.6787

Rectangle

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



10.7927, 8.7160, 1.4301



6.3648, 8.7160, 1.3557



6.1982, 8.7160, 30.0142



10.5555, 8.7160, 30.5944

Sweetspot

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



10.7929, 8.7165, 1.4303



28.0614, 28.2992, 21.4789



9.7826, 5.0985, 6.0178



6.2535, 6.2708, 4.5569



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



10.7929, 8.7165, 1.4303



18.1863, 13.8897, 1.7225



16.1253, 19.3814, 3.2077



4.4930, 4.6747, 4.5856



10.6779, 8.2521, 1.0300



0.0000, 0.0000, 0.0000

Inverse Universe

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



5.9709, 5.7114, 20.5262



9.5628, 8.5194, 35.8848



4.0236, 1.8169, 19.8772



4.2711, 4.5363, 5.4637



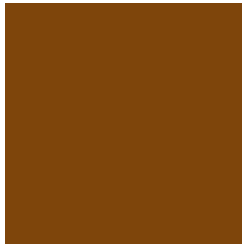
5.6516, 5.1217, 20.9407



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 10.7927, 8.7160, 1.4301 looks on a white background.

Color Contrast Check

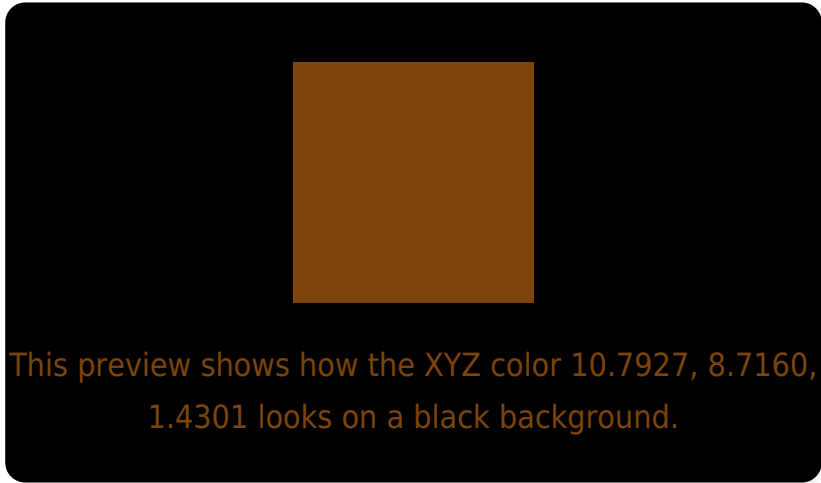
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.7927, 8.7160, 1.4301

Background



This preview shows how black text looks on a background with the XYZ color 10.7927, 8.7160, 1.4301.



This preview shows how white text looks on a background with the XYZ color 10.7927, 8.7160,

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

10.7927, 8.7160, 1.4301

Protanopia

7.9759, 8.8080, 1.7317

Deuteranopia

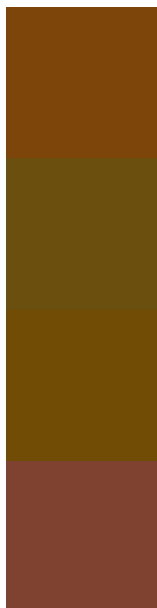
8.8125, 8.8015, 1.2344



Tritanopia

11.8097, 8.6857, 6.6843

Trichromacy



Original Color

10.7927, 8.7160, 1.4301

Protanomaly

8.8191, 8.6878, 1.6276

Deuteranomaly

9.4164, 8.6884, 1.2956

Tritanomaly

11.2341, 8.6219, 3.8684

Monochromacy



Original Color

10.7927, 8.7160, 1.4301

Achromatopsia

7.4317, 7.8187, 8.5146

Achromatomaly

8.0058, 7.7853, 4.5708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7927, 8.7160, 1.4301 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(126, 69, 11)` looks like.

```
.text, #text, p{  
    color:rgb(126, 69, 11)  
}
```

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(126, 69, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 69, 11) }
```

Border

The CSS property to change the border of an element to XYZ 10.7927, 8.7160, 1.4301 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(126, 69, 11) }
```


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

```
.border{ border-color:rgb(126, 69, 11) }
```

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

Here you see how a box with a 4 pixel rgb(126, 69, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 69, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 69, 11);  
box-shadow:4px 4px 4px 4px rgb(126, 69,  
11) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7927, 8.7160, 1.4301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 69, 11) }
```

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

```
.background{ background-color: rgb(126, 69,  
11) }
```

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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