

Converting Colors

XYZ(10.3498, 7.4821, 1.2711)

Have a look what the booklet for
XYZ(10.3498, 7.4821, 1.2711)
contains.

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Color

**XYZ(10.4379, 7.5445,
1.2869)**

Conversions

Conversions Part 1

Format	Color
Hex	80390D
RGB	128, 57, 13
RGB Percent	50%, 22%, 5%
CMY	0.4980, 0.7765, 0.9490
CMYK	0.00, 0.55, 0.90, 0.50
HSL	23°, 82%, 28%
HSV	23°, 90%, 50%
XYZ	10.4379, 7.5445, 1.2869
YIQ	73.2130, 56.4400, 1.3680

Conversions

Conversions Part 2

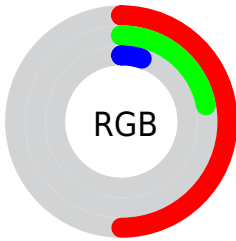
Format	Color
R _Y B	128, 84, 13
Decimal	8403213
CIE Lab	33.02, 28.16, 38.95
CIE LCh	33, 48.068, 54.131
Yxy	7.5445, 0.5417, 0.3915
Android (android.graphics.Color)	4286593293 (0xFF80390D)
YUV	73.2130, -29.6850, 48.0482
Hunter-Lab	27.4673, 19.7645, 16.4492

Details

The XYZ color **10.4379, 7.5445, 1.2869** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **7.2325, 7.9845, 21.5820**, and the grayscale version is **6.4139, 6.7479, 7.3485**.

A 20% lighter version of the original color is **26.2193, 21.0734, 6.9606**, and **2.7702, 1.5731, 0.1576** is the 20% darker color. If you saturate the color by 10%, you get **10.0058, 6.7948, 0.7900**, and if you desaturate by 10%, it is **10.9713, 8.4328, 2.0152**.

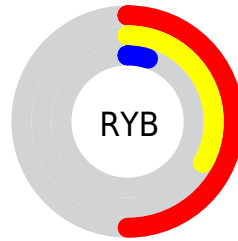
Distribution



Red (50%)

Green (22%)

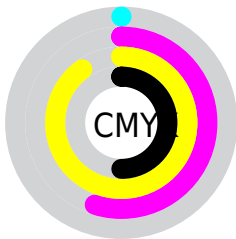
Blue (5%)



Red (50%)

Yellow (33%)

Blue (5%)

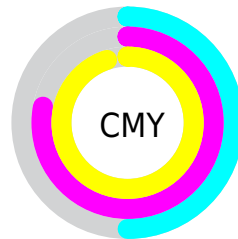


Cyan (0%)

Magenta (55%)

Yellow (90%)

Black (50%)



Cyan (50%)


Magenta (78%)

Yellow (95%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 10.4379, 7.5445, 1.2869 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 10.4379, 7.5445, 1.2869 by changing the saturation by 10% instead.


 10.4379, 7.5445,
1.2869


 10.4379, 7.5445,
1.2869


 187.7586,
172.1144, 110.0792


 5.7547, 3.8049,
0.0510

 26.2582, 21.0605,
6.9790


 2.7358, 1.5650,
0.0000


 38.1261, 31.6057,
12.5303

 1.0156, 0.3339,
0.0000

 53.1196, 45.1882,
20.4431


 0.0000, 0.0000,
0.0000


 71.6040, 62.1924,
31.1360

 93.9448, 83.0028,
45.0275


 120.5072,

108.0036, 62.5362


 151.6567,
137.5794, 84.0806


 10.4379, 7.5445,
1.2869


 10.4379, 7.5445,
1.2869


 10.0058, 6.7948,
0.7900


 10.9713, 8.4328,
2.0152

 9.9994, 6.7839,
0.7824

 11.6317, 9.4730,
3.1005

 12.4295, 10.6738,
4.5838

 13.3736, 12.0422,
6.5003

 14.4718, 13.5852,
8.8811

■ 15.7316, 15.3090,
11.7546

■ 17.1599, 17.2197,
15.1469

■ 18.7631, 19.3228,
19.0821

■ 20.5472, 21.6240,
23.5829

Harmonies

Analogous

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



12.6291, 7.5445, 3.7134



10.4379, 7.5445, 1.2869



7.6830, 7.5445, 0.6367

Triad

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



10.4379, 7.5445, 1.2869



3.3208, 7.5445, 6.8631



9.3637, 7.5445, 28.7961

Complementary

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



10.4379, 7.5445, 1.2869



7.2325, 7.9845, 21.5820

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.



6.6819, 7.5445, 31.5358



10.4379, 7.5445, 1.2869



3.5674, 7.5445, 15.3811

Square

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



10.4379, 7.5445, 1.2869



3.8909, 7.5445, 2.4347



4.6683, 7.5445, 25.6137



11.9132, 7.5445, 19.4691

Rectangle

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



10.4379, 7.5445, 1.2869



6.0410, 7.5445, 0.7208



4.6683, 7.5445, 25.6137



8.4334, 7.5445, 30.6838

Sweetspot

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



10.4381, 7.5449, 1.2870



28.2304, 27.6722, 21.9417



10.7191, 5.5463, 9.2747



6.4522, 6.2665, 4.7695



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



10.4381, 7.5449, 1.2870



17.4744, 11.6818, 1.3338



14.8428, 16.3543, 2.7553



4.4522, 4.5931, 4.5720



9.9164, 6.7292, 0.7762



0.0000, 0.0000, 0.0000

Inverse Universe

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



7.2325, 7.9845, 21.5820



11.6438, 12.3115, 37.7189



4.4855, 2.4906, 20.6664



4.3125, 4.6190, 5.4775



6.6389, 7.0962, 21.2698



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 10.4379, 7.5445, 1.2869 looks on a white background.

Color Contrast Check

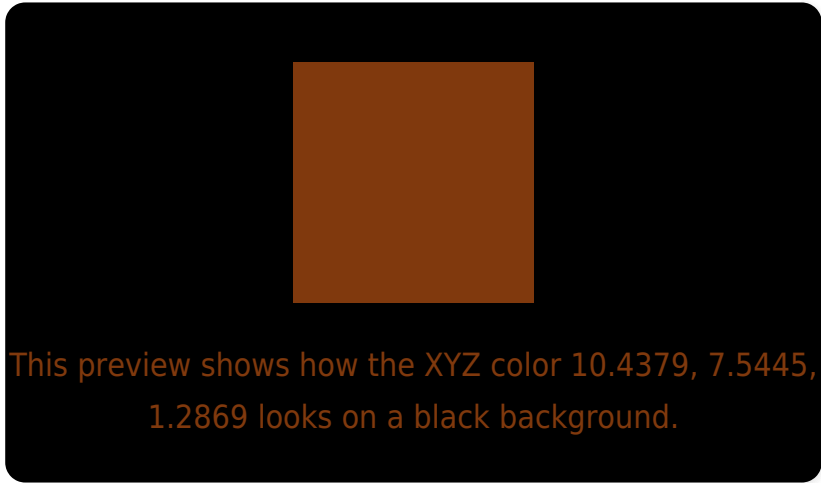
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.4379, 7.5445, 1.2869

Background



This preview shows how black text looks on a background with the XYZ color 10.4379, 7.5445, 1.2869.



This preview shows how white text looks on a background with the XYZ color 10.4379, 7.5445,

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

10.4379, 7.5445, 1.2869

Protanopia

6.9380, 7.7137, 1.7393

Deuteranopia

7.5944, 7.5502, 1.0571



Tritanopia

11.0649, 7.5087, 4.7370

Trichromacy



Original Color

10.4379, 7.5445, 1.2869

Protanomaly

7.9479, 7.4305, 1.5456

Deuteranomaly

8.5249, 7.4602, 1.1342

Tritanomaly

10.7727, 7.4656, 2.9710

Monochromacy



Original Color

10.4379, 7.5445, 1.2869

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

7.1189, 6.5805, 4.0269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4379, 7.5445, 1.2869 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(128, 57, 13)` looks like.

```
.text, #text, p{  
    color:rgb(128, 57, 13)  
}
```

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(128, 57, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 57, 13) }
```

Border

The CSS property to change the border of an element to XYZ 10.4379, 7.5445, 1.2869 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(128, 57, 13) }
```


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

```
.border{ border-color:rgb(128, 57, 13) }
```

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

Here you see how a box with a 4 pixel rgb(128, 57, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 57, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 57, 13);  
box-shadow:4px 4px 4px 4px rgb(128, 57,  
13) }
```

Background

The CSS property to change the background color of an element to XYZ 10.4379, 7.5445, 1.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 57, 13) }
```

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

```
.background{ background-color: rgb(128, 57,  
13) }
```

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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