

Converting Colors

XYZ(10.5923, 8.7844, 1.3386)

Have a look what the booklet for
XYZ(10.5923, 8.7844, 1.3386)
contains.

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Color

**XYZ(10.6038, 8.8069,
1.3420)**

Conversions

Conversions Part 1

Format	Color
Hex	7C4707
RGB	124, 71, 7
RGB Percent	49%, 28%, 3%
CMY	0.5137, 0.7216, 0.9725
CMYK	0.00, 0.43, 0.94, 0.51
HSL	33°, 89%, 26%
HSV	33°, 94%, 49%
XYZ	10.6038, 8.8069, 1.3420
YIQ	79.5510, 52.1320, -8.6680

Conversions

Conversions Part 2

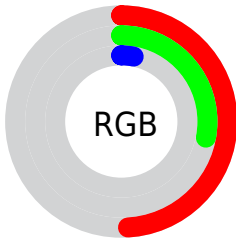
Format	Color
RYB	104, 124, 7
Decimal	8144647
CIELab	35.61, 18.24, 42.78
CIELCh	36, 46.512, 66.905
Yxy	8.8069, 0.5110, 0.4244
Android (android.graphics.Color)	4286334727 (0xFF7C4707)
YUV	79.5510, -35.7676, 38.9818
Hunter-Lab	29.6764, 11.8468, 18.0923

Details

The XYZ color **10.6038, 8.8069, 1.3420** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **5.3415, 4.7319, 19.7006**, and the grayscale version is **7.5981, 7.9938, 8.7053**.

A 20% lighter version of the original color is **26.5362, 23.5622, 7.1523**, and **2.8462, 2.0491, 0.2455** is the 20% darker color. If you saturate the color by 10%, you get **10.3691, 8.3990, 1.0747**, and if you desaturate by 10%, it is **11.0606, 9.5883, 1.9020**.

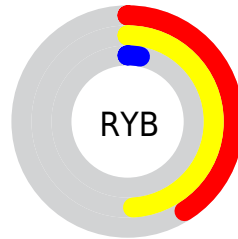
Distribution



Red (49%)

Green (28%)

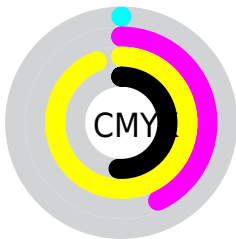
Blue (3%)



Red (41%)

Yellow (49%)

Blue (3%)

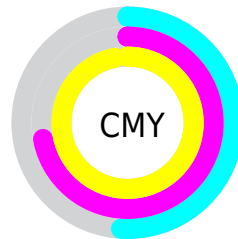


Cyan (0%)

Magenta (43%)

Yellow (94%)

Black (51%)



Cyan (51%)

Magenta (72%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6038, 8.8069, 1.3420 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 10.6038, 8.8069, 1.3420 by changing the saturation by 10% instead.

10.6038, 8.8069,
1.3420

10.6038, 8.8069,
1.3420

188.8938,
181.9308, 111.1374

5.8664, 4.6154,
0.0958

26.5647, 23.5258,
7.1480

2.8039, 2.0234,
0.0000

38.5188, 34.8220,
12.7796

1.0509, 0.6210,
0.0000

53.6093, 49.2552,
20.7884

0.0000, 0.0000,
0.0000


72.2015, 67.2099,
31.5927


94.6606, 89.0704,
45.6112


121.3522,


115.2211, 63.2625


 152.6414,
146.0464, 84.9650


 10.6038, 8.8069,
1.3420


 10.6038, 8.8069,
1.3420


 10.3691, 8.3990,
1.0747

 11.0606, 9.5883,
1.9020

 11.6054, 10.4587,
2.7595

 12.2483, 11.4239,
3.9623

 12.9966, 12.4881,
5.5444

 13.8565, 13.6550,
7.5358

■ 14.8340, 14.9282,
9.9634

■ 15.9343, 16.3109,
12.8515

■ 17.1624, 17.8063,
16.2231

■ 18.5230, 19.4174,
20.0992

Harmonies

Analogous

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



13.3102, 8.8069, 3.0973



10.6038, 8.8069, 1.3420



7.7552, 8.8069, 1.0677

Triad

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



10.6038, 8.8069, 1.3420



4.1653, 8.8069, 11.5129



11.9360, 8.8069, 27.3394

Complementary

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



10.6038, 8.8069, 1.3420



5.3415, 4.7319, 19.7006

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.



9.0179, 8.8069, 33.6035



10.6038, 8.8069, 1.3420



4.8350, 8.8069, 21.7495

Square

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



10.6038, 8.8069, 1.3420



4.4103, 8.8069, 4.8175



6.4754, 8.8069, 31.1376



14.1888, 8.8069, 16.7797

Rectangle

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



10.6038, 8.8069, 1.3420



6.2125, 8.8069, 1.4591



6.4754, 8.8069, 31.1376



10.9785, 8.8069, 30.2204

Sweetspot

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



10.6040, 8.8074, 1.3422



27.1789, 27.6305, 20.3227



9.2467, 4.7805, 4.9356



6.2376, 6.3012, 4.3598



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.



10.6040, 8.8074, 1.3422



18.1075, 14.5007, 1.8445



15.0056, 18.4308, 2.9677



4.1630, 4.3445, 4.2436



10.5386, 8.5332, 1.0916



49.4107, 38.9849, 4.9206

Inverse Universe

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



5.3415, 4.7319, 19.7006



8.7696, 7.2957, 34.5026



3.8508, 1.6777, 19.1896



3.9333, 4.1648, 5.0398



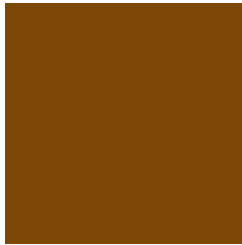
5.1418, 4.3661, 19.9570



23.6991, 19.1709, 94.9211

Previews

White Background



This preview shows how the XYZ color 10.6038, 8.8069, 1.3420 looks on a white background.

Color Contrast Check

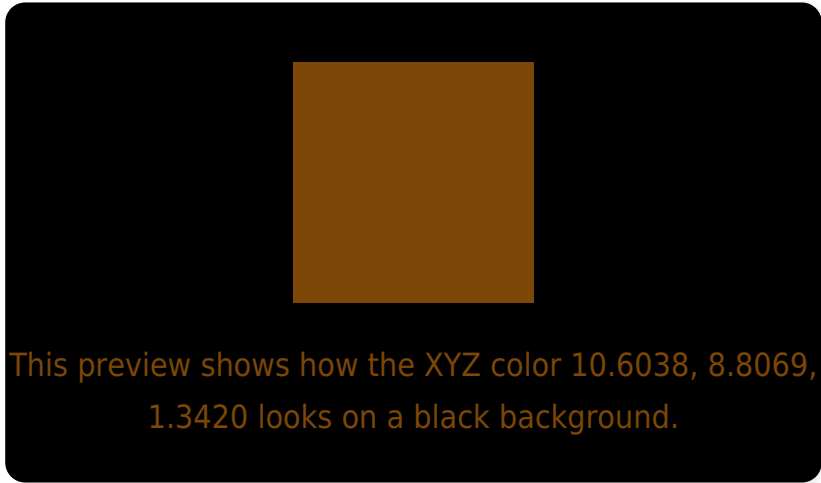
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.6038, 8.8069, 1.3420

Background



This preview shows how black text looks on a background with the XYZ color 10.6038, 8.8069, 1.3420.



This preview shows how white text looks on a background with the XYZ color 10.6038, 8.8069,

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

10.6038, 8.8069, 1.3420

Protanopia

8.0342, 8.9564, 1.6531

Deuteranopia

8.9321, 8.8631, 1.2400



Tritanopia

11.6897, 8.7870, 7.0412

Trichromacy



Original Color

10.6038, 8.8069, 1.3420

Protanomaly

8.8673, 8.8234, 1.5229

Deuteranomaly

9.4804, 8.8250, 1.2899

Tritanomaly

11.0581, 8.7076, 3.8942

Monochromacy



Original Color

10.6038, 8.8069, 1.3420

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

8.1204, 8.0516, 4.4943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6038, 8.8069, 1.3420 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(124, 71, 7)` looks like.

```
.text, #text, p{  
    color:rgb(124, 71, 7)  
}
```

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(124, 71, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 71, 7) }
```

Border

The CSS property to change the border of an element to XYZ 10.6038, 8.8069, 1.3420 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(124, 71, 7) }
```


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

```
.border{ border-color:rgb(124, 71, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 71, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 71, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 71, 7);  
box-shadow:4px 4px 4px 4px rgb(124, 71, 7)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.6038, 8.8069, 1.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 71, 7) }
```

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

```
.background{ background-color: rgb(124, 71,  
7) }
```

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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