

Converting Colors

XYZ(10.5298, 7.9560, 0.9807)

Have a look what the booklet for
XYZ(10.5298, 7.9560, 0.9807)
contains.

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Color

**XYZ(10.4750, 7.9573,
0.9838)**

Conversions

Conversions Part 1

Format	Color
Hex	7F3E00
RGB	127, 62, 0
RGB Percent	50%, 24%, 0%
CMY	0.5020, 0.7568, 1.0000
CMYK	0.00, 0.51, 1.00, 0.50
HSL	29°, 100%, 25%
HSV	29°, 100%, 50%
XYZ	10.4750, 7.9573, 0.9838
YIQ	74.3670, 58.6420, -5.5020

Conversions

Conversions Part 2

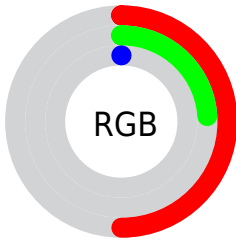
Format	Color
R_{YB}	127, 121, 0
Decimal	8338944
CIE _{Lab}	33.89, 24.66, 44.37
CIE _{LCh}	34, 50.762, 60.931
Yxy	7.9573, 0.5395, 0.4098
Android (android.graphics.Color)	4286529024 (0xFF7F3E00)
YUV	74.3670, -36.6629, 46.1591
Hunter-Lab	28.2087, 16.9189, 17.6783

Details

The XYZ color **10.4750, 7.9573, 0.9838** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **5.7208, 5.3124, 20.8023**, and the grayscale version is **6.6307, 6.9760, 7.5968**.

A 20% lighter version of the original color is **26.2896, 21.9222, 5.9778**, and **2.7990, 1.7405, 0.1884** is the 20% darker color. If you saturate the color by 10%, you get **10.4751, 7.9576, 0.9839**, and if you desaturate by 10%, it is **10.9208, 8.7358, 1.4813**.

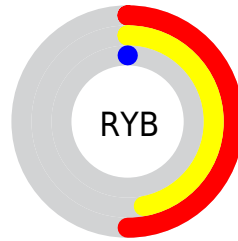
Distribution



Red (50%)

Green (24%)

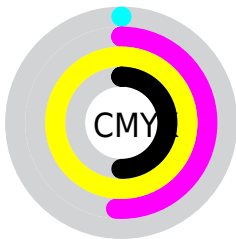
Blue (0%)



Red (50%)

Yellow (47%)

Blue (0%)

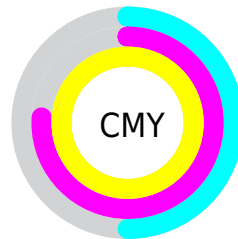


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (50%)



Cyan (50%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.4750, 7.9573, 0.9838 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 10.4750, 7.9573, 0.9838 by changing the saturation by 10% instead.

10.4750, 7.9573,
0.9838

10.4750, 7.9573,
0.9838

188.0131,
175.3967, 103.7849

5.7797, 4.0676,
0.0000

26.3268, 21.8747,
6.0074

2.7510, 1.7115,
0.0000

38.2140, 32.6712,
11.0824

1.0235, 0.4311,
0.0000

53.2293, 46.5388,
18.4243


0.0000, 0.0000,
0.0000


71.7379, 63.8619,
28.4515

94.1052, 85.0248,
41.5826


120.6966,


110.4120, 58.2362


 151.8774,
140.4078, 78.8308


 10.4750, 7.9573,
0.9838


 10.4750, 7.9573,
0.9838


 10.4751, 7.9576,
0.9839

 10.9208, 8.7358,
1.4813

 11.4484, 9.6166,
2.1953

 12.0837, 10.6125,
3.2538

 12.8354, 11.7291,
4.6965

 13.7111, 12.9715,
6.5575

■ 14.7177, 14.3443,
8.8672

■ 15.8614, 15.8518,
11.6531

■ 17.1482, 17.4982,
14.9405

■ 18.5835, 19.2874,
18.7529

Harmonies

Analogous

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



13.1499, 7.9573, 2.9298



10.4750, 7.9573, 0.9838



7.4765, 7.9573, 0.5371

Triad

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



10.4750, 7.9573, 0.9838



3.3727, 7.9573, 8.9159



10.6635, 7.9573, 29.6037

Complementary

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



10.4750, 7.9573, 0.9838



5.7208, 5.3124, 20.8023

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.



7.6506, 7.9573, 34.8278



10.4750, 7.9573, 0.9838



3.8366, 7.9573, 19.1810

Square

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



10.4750, 7.9573, 0.9838



3.7815, 7.9573, 3.1445



5.2481, 7.9573, 30.1729



13.2762, 7.9573, 18.4568

Rectangle

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



10.4750, 7.9573, 0.9838



5.8067, 7.9573, 0.7708



5.2481, 7.9573, 30.1729



9.6423, 7.9573, 32.3359

Sweetspot

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



10.4752, 7.9577, 0.9839



28.2496, 28.1861, 20.4822



9.7244, 4.9008, 5.5287



6.4385, 6.3696, 4.3624



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.



10.4752, 7.9577, 0.9839



18.6102, 13.9534, 1.7124



16.0711, 19.1495, 2.8492



4.4876, 4.6638, 4.5838



10.5632, 8.0228, 0.9918



0.0000, 0.0000, 0.0000

Inverse Universe

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



5.7208, 5.3124, 20.8023



10.0949, 9.2138, 37.2027



3.8537, 1.5783, 20.1799



4.2766, 4.5472, 5.4656



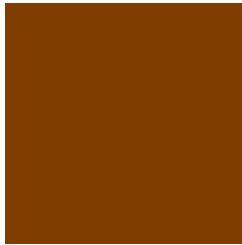
5.7682, 5.3549, 20.9795



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 10.4750, 7.9573, 0.9838 looks on a white background.

Color Contrast Check

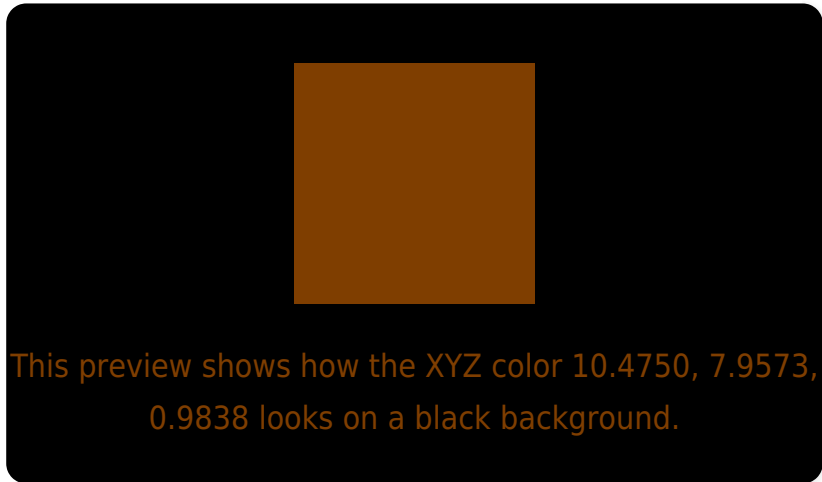
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.4750, 7.9573, 0.9838

Background



This preview shows how black text looks on a background with the XYZ color 10.4750, 7.9573, 0.9838.



This preview shows how white text looks on a background with the XYZ color 10.4750, 7.9573,

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

10.4750, 7.9573, 0.9838

Protanopia

7.3172, 8.1332, 1.5008

Deuteranopia

8.0639, 7.9937, 1.1179



Tritanopia

11.4358, 8.0410, 5.5068

Trichromacy



Original Color

10.4750, 7.9573, 0.9838

Protanomaly

8.1960, 7.8560, 1.2854

Deuteranomaly

8.8088, 7.8860, 1.0579

Tritanomaly

10.8323, 7.8636, 2.8664

Monochromacy



Original Color

10.4750, 7.9573, 0.9838

Achromatopsia

6.5089, 6.8478, 7.4573

Achromatomaly

7.2174, 6.9127, 3.6432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4750, 7.9573, 0.9838 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(127, 62, 0)` looks like.

```
.text, #text, p{  
    color:rgb(127, 62, 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(127, 62, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 62, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.4750, 7.9573, 0.9838 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(127, 62, 0) }
```


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

```
.border{ border-color:rgb(127, 62, 0) }
```

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

Here you see how a box with a 4 pixel rgb(127, 62, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 62, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 62, 0);  
box-shadow:4px 4px 4px 4px rgb(127, 62, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.4750, 7.9573, 0.9838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 62, 0) }
```

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

```
.background{ background-color: rgb(127, 62,  
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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