

Converting Colors

XYZ(10.0498, 7.4178, 1.3176)

Have a look what the booklet for
XYZ(10.0498, 7.4178, 1.3176)
contains.

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Color

**XYZ(10.0498, 7.4178,
1.3176)**

Conversions

Conversions Part 1

Format	Color
Hex	7D3A0E
RGB	125, 58, 14
RGB Percent	49%, 23%, 5%
CMY	0.5098, 0.7725, 0.9451
CMYK	0.00, 0.54, 0.89, 0.51
HSL	24°, 80%, 27%
HSV	24°, 89%, 49%
XYZ	10.0498, 7.4178, 1.3176
YIQ	73.0170, 54.0560, 0.5200

Conversions

Conversions Part 2

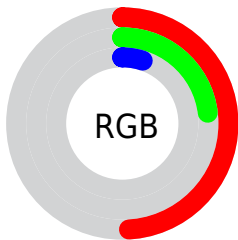
Format	Color
RYB	125, 87, 14
Decimal	8206862
CIELab	32.74, 26.35, 38.12
CIELCh	33, 46.338, 55.346
Yxy	7.4178, 0.5350, 0.3949
Android (android.graphics.Color)	4286396942 (0xFF7D3A0E)
YUV	73.0170, -29.0954, 45.5891
Hunter-Lab	27.2356, 18.2031, 16.1966

Details

The XYZ color **10.0498, 7.4178, 1.3176** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **6.8251, 7.4586, 20.4819**, and the grayscale version is **6.3788, 6.7110, 7.3082**.

A 20% lighter version of the original color is **25.6284, 20.9196, 7.1020**, and **2.5857, 1.5282, 0.1587** is the 20% darker color. If you saturate the color by 10%, you get **9.6260, 6.6839, 0.8259**, and if you desaturate by 10%, it is **10.5715, 8.2807, 2.0482**.

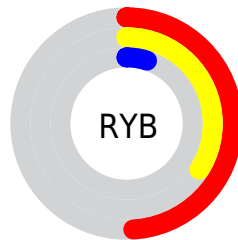
Distribution



Red (49%)

Green (23%)

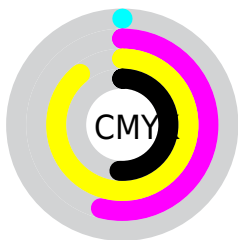
Blue (5%)



Red (49%)

Yellow (34%)

Blue (5%)

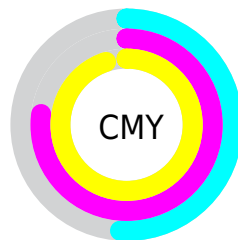


Cyan (0%)

Magenta (54%)

Yellow (89%)

Black (51%)



Cyan (51%)

Magenta (77%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0498, 7.4178, 1.3176 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 10.0498, 7.4178, 1.3176 by changing the saturation by 10% instead.

10.0498, 7.4178,
1.3176

10.0498, 7.4178,
1.3176

185.0733,
171.0915, 110.6716

5.4945, 3.7247,
0.0761

25.5380, 20.8089,
7.0734

2.5779, 1.5208,
0.0000

37.2015, 31.2757,
12.6697

0.9347, 0.3033,
0.0000

51.9652, 44.7693,
20.6362

0.0000, 0.0000,
0.0000


70.1944, 61.6739,
31.3915


92.2545, 82.3741,
45.3541


118.5108,


107.2541, 62.9427


 149.3286,
136.6985, 84.5756


 10.0498, 7.4178,
1.3176


 10.0498, 7.4178,
1.3176


 9.6260, 6.6839,
0.8259


 10.5715, 8.2807,
2.0482

 9.5790, 6.6031,
0.7697

 11.2124, 9.2839,
3.1207

 11.9817, 10.4347,
4.5730

 12.8877, 11.7397,
6.4376

 13.9375, 13.2049,
8.7437

■ 15.1381, 14.8361,
11.5175

■ 16.4956, 16.6385,
14.7835

■ 18.0160, 18.6172,
18.5643

■ 19.7048, 20.7772,
22.8809

Harmonies

Analogous

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



12.1629, 7.4178, 3.6011



10.0498, 7.4178, 1.3176



7.4358, 7.4178, 0.7175

Triad

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



10.0498, 7.4178, 1.3176



3.3478, 7.4178, 7.0403



9.2420, 7.4178, 27.1685

Complementary

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



10.0498, 7.4178, 1.3176



6.8251, 7.4586, 20.4819

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.



6.6786, 7.4178, 30.0533



10.0498, 7.4178, 1.3176



3.6188, 7.4178, 15.2525

Square

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



10.0498, 7.4178, 1.3176



3.8670, 7.4178, 2.6125



4.7164, 7.4178, 24.8064



11.6264, 7.4178, 18.3052

Rectangle

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



10.0498, 7.4178, 1.3176



5.8865, 7.4178, 0.8223



4.7164, 7.4178, 24.8064



8.3585, 7.4178, 29.0272

Sweetspot

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



10.0500, 7.4182, 1.3177



27.3726, 26.9217, 21.2493



10.1547, 5.2902, 8.5588



6.0852, 5.9342, 4.5007



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.



10.0500, 7.4182, 1.3177



17.0181, 11.5534, 1.3331



14.3364, 15.9911, 2.7465



4.4568, 4.6023, 4.5736



9.9910, 6.8785, 0.8011



0.0000, 0.0000, 0.0000

Inverse Universe

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



6.8251, 7.4586, 20.4819



11.0438, 11.4815, 36.3784



4.2736, 2.3557, 19.6314



4.3078, 4.6096, 5.4760



6.5143, 6.8470, 21.2282



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 10.0498, 7.4178, 1.3176 looks on a white background.

Color Contrast Check

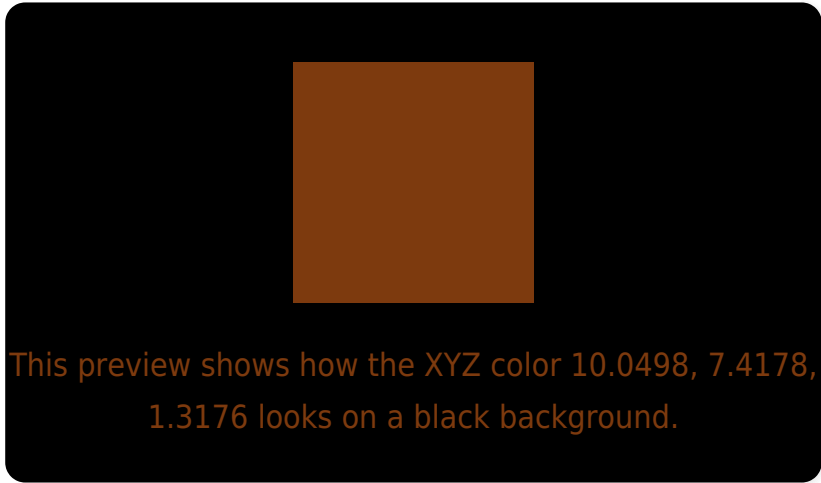
Large Text (above 18pt) WCAG AA ✓ Pass

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

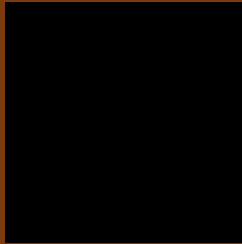
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.0498, 7.4178, 1.3176

Background



This preview shows how black text looks on a background with the XYZ color 10.0498, 7.4178, 1.3176.



This preview shows how white text looks on a background with the XYZ color 10.0498, 7.4178,

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

10.0498, 7.4178, 1.3176

Protanopia

6.7724, 7.5220, 1.7110

Deuteranopia

7.4858, 7.4942, 1.0520



Tritanopia

10.8353, 7.4558, 4.8710

Trichromacy



Original Color

10.0498, 7.4178, 1.3176

Protanomaly

7.7212, 7.3136, 1.5350

Deuteranomaly

8.2789, 7.3333, 1.1227

Tritanomaly

10.3883, 7.3352, 3.0588

Monochromacy



Original Color

10.0498, 7.4178, 1.3176

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

7.1006, 6.6575, 4.1596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0498, 7.4178, 1.3176 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(125, 58, 14)` looks like.

```
.text, #text, p{  
    color:rgb(125, 58, 14)  
}
```

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(125, 58, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 58, 14) }
```

Border

The CSS property to change the border of an element to XYZ 10.0498, 7.4178, 1.3176 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(125, 58, 14) }
```


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

```
.border{ border-color:rgb(125, 58, 14) }
```

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

Here you see how a box with a 4 pixel rgb(125, 58, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 58, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 58, 14);  
box-shadow:4px 4px 4px 4px rgb(125, 58,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 10.0498, 7.4178, 1.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 58, 14) }
```

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

```
.background{ background-color: rgb(125, 58,  
14) }
```

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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