

Converting Colors

XYZ(10.9283, 7.3431, 0.7469)

Have a look what the booklet for
XYZ(10.9283, 7.3431, 0.7469)
contains.

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Color

**XYZ(10.9721, 7.3495,
0.8403)**

Conversions

Conversions Part 1

Format	Color
Hex	863200
RGB	134, 50, 0
RGB Percent	53%, 20%, 0%
CMY	0.4745, 0.8039, 1.0000
CMYK	0.00, 0.63, 1.00, 0.47
HSL	22°, 100%, 26%
HSV	22°, 100%, 53%
XYZ	10.9721, 7.3495, 0.8403
YIQ	69.4160, 66.1140, 2.2580

Conversions

Conversions Part 2

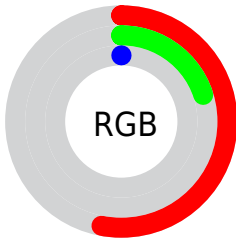
Format	Color
R_{YB}	134, 80, 0
Decimal	8794624
CIE _{Lab}	32.59, 34.02, 44.17
CIE _{LCh}	33, 55.751, 52.398
Yxy	7.3495, 0.5726, 0.3835
Android (android.graphics.Color)	4286984704 (0xFF863200)
YUV	69.4160, -34.2221, 56.6402
Hunter-Lab	27.1100, 24.8011, 17.1392

Details

The XYZ color **10.9721, 7.3495, 0.8403** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **7.4731, 8.0613, 23.7162**, and the grayscale version is **5.7722, 6.0728, 6.6132**.

A 20% lighter version of the original color is **27.3810, 20.8140, 5.5920**, and **2.9805, 1.5365, 0.1395** is the 20% darker color. If you saturate the color by 10%, you get **10.9722, 7.3498, 0.8404**, and if you desaturate by 10%, it is **11.4402, 8.1655, 1.3676**.

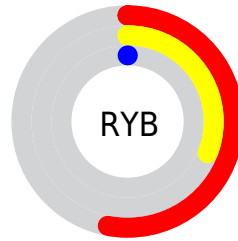
Distribution



Red (53%)

Green (20%)

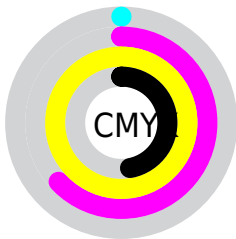
Blue (0%)



Red (53%)

Yellow (31%)

Blue (0%)

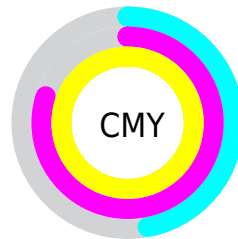


Cyan (0%)

Magenta (63%)

Yellow (100%)

Black (47%)



Cyan (47%)


Magenta (80%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 10.9721, 7.3495, 0.8403 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 10.9721, 7.3495, 0.8403 by changing the saturation by 10% instead.

 10.9721, 7.3495,
0.8403


 10.9721, 7.3495,
0.8403


 191.3883,
170.5370, 100.5746


 6.1152, 3.6816,
0.0000


 27.2420, 20.6729,
5.5350


 2.9566, 1.4971,
0.0000

 39.3857, 31.0973,
10.3682

 1.1309, 0.2867,
0.0000

 54.6891, 44.5426,
17.4185

 0.0507, 0.0000,
0.0000


 73.5175, 61.3932,
27.1044


 0.0000, 0.0000,
0.0000


 96.2362, 82.0336,
39.8444


 123.2107,


106.8480, 56.0571


 154.8063,
136.2211, 76.1610


 10.9721, 7.3495,
0.8403


 10.9721, 7.3495,
0.8403


 10.9722, 7.3498,
0.8404

 11.4402, 8.1655,
1.3676

 12.0225, 9.1376,
2.1550

 12.7478, 10.2827,
3.3384

 13.6276, 11.6101,
4.9639

 14.6720, 13.1283,
7.0711

■ 15.8901, 14.8451,
9.6953

■ 17.2904, 16.7679,
12.8682

■ 18.8806, 18.9036,
16.6191

■ 20.6681, 21.2588,
20.9752

Harmonies

Analogous

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



13.5166, 7.3495, 3.3279



10.9721, 7.3495, 0.8403



7.7497, 7.3495, 0.0649

Triad

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



10.9721, 7.3495, 0.8403



2.7867, 7.3495, 6.0695



9.3340, 7.3495, 33.7257

Complementary

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



10.9721, 7.3495, 0.8403



7.4731, 8.0613, 23.7162

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.



6.2732, 7.3495, 36.5810



10.9721, 7.3495, 0.8403



2.9931, 7.3495, 15.7641

Square

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



10.9721, 7.3495, 0.8403



3.4324, 7.3495, 1.6767



4.1046, 7.3495, 28.5064



12.4027, 7.3495, 22.2448

Rectangle

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



10.9721, 7.3495, 0.8403



5.8549, 7.3495, 0.1215



4.1046, 7.3495, 28.5064



8.2529, 7.3495, 35.9453

Sweetspot

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



10.9723, 7.3499, 0.8404



30.2910, 29.3082, 22.2721



11.4659, 5.7221, 9.0668



6.6191, 6.3228, 4.5476



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



10.9723, 7.3499, 0.8404



19.1957, 12.6769, 1.4352



16.0922, 17.5898, 2.5471



4.8044, 4.9524, 4.9321



10.2924, 6.9073, 0.7908



0.0422, 0.0371, 0.0049

Inverse Universe

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



7.4731, 8.0613, 23.7162



13.0176, 13.9045, 41.7361



4.5172, 2.1496, 22.7309



4.6594, 4.9945, 5.9192



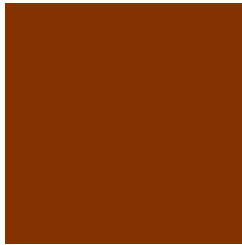
7.0138, 7.5755, 22.2292



0.0313, 0.0403, 0.0794

Previews

White Background



This preview shows how the XYZ color 10.9721, 7.3495, 0.8403 looks on a white background.

Color Contrast Check

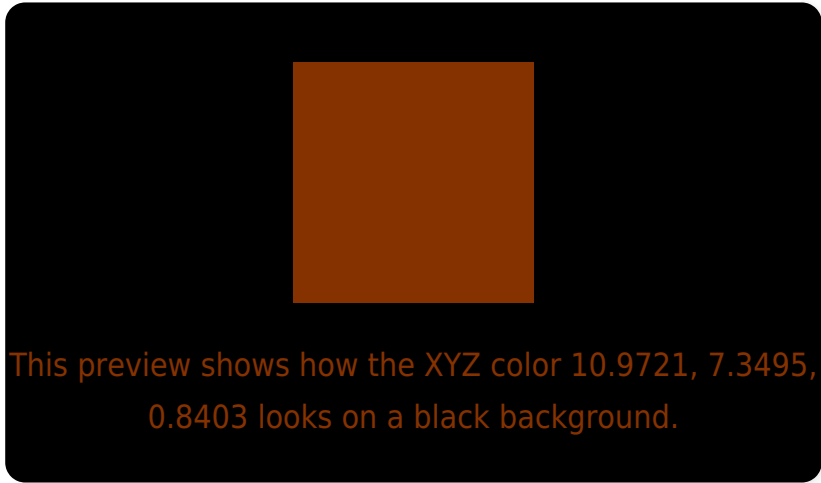
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.9721, 7.3495, 0.8403

Background



This preview shows how black text looks on a background with the XYZ color 10.9721, 7.3495, 0.8403.



This preview shows how white text looks on a background with the XYZ color 10.9721, 7.3495,

0.8403.

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

10.9721, 7.3495, 0.8403

Protanopia

6.8282, 7.5552, 1.5139

Deuteranopia

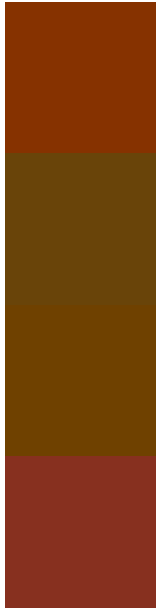
7.4858, 7.4942, 1.0520



Tritanopia

11.5626, 7.4057, 3.7258

Trichromacy



Original Color

10.9721, 7.3495, 0.8403

Protanomaly

7.9421, 7.1572, 1.2213

Deuteranomaly

8.4458, 7.1601, 0.9369

Tritanomaly

11.2959, 7.3637, 2.1223

Monochromacy



Original Color

10.9721, 7.3495, 0.8403

Achromatopsia

5.6565, 5.9511, 6.4808

Achromatomaly

6.6914, 5.9543, 3.1795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9721, 7.3495, 0.8403 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(134, 50, 0)` looks like.

```
.text, #text, p{  
    color:rgb(134, 50, 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(134, 50, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 50, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.9721, 7.3495, 0.8403 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(134, 50, 0) }
```


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

```
.border{ border-color:rgb(134, 50, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 50, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 50, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 50, 0);  
box-shadow:4px 4px 4px 4px rgb(134, 50, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.9721, 7.3495, 0.8403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 50, 0) }
```

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

```
.background{ background-color: rgb(134, 50,  
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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