

Converting Colors

XYZ(10.8849, 7.4161, 0.5069)

Have a look what the booklet for
XYZ(10.8849, 7.4161, 0.5069)
contains.

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Color

**XYZ(10.9009, 7.4425,
0.8620)**

Conversions

Conversions Part 1

Format	Color
Hex	853400
RGB	133, 52, 0
RGB Percent	52%, 20%, 0%
CMY	0.4784, 0.7961, 1.0000
CMYK	0.00, 0.61, 1.00, 0.48
HSL	23°, 100%, 26%
HSV	23°, 100%, 52%
XYZ	10.9009, 7.4425, 0.8620
YIQ	70.2910, 64.9680, 1.0000

Conversions

Conversions Part 2

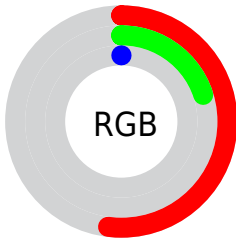
Format	Color
R_{YB}	133, 85, 0
Decimal	8729600
CIE _{Lab}	32.79, 32.61, 44.21
CIE _{LCh}	33, 54.937, 53.588
Yxy	7.4425, 0.5676, 0.3875
Android (android.graphics.Color)	4286919680 (0xFF853400)
YUV	70.2910, -34.6535, 54.9958
Hunter-Lab	27.2809, 23.5832, 17.2233

Details

The XYZ color **10.9009, 7.4425, 0.8620** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **7.1759, 7.5779, 23.2748**, and the grayscale version is **5.9188, 6.2270, 6.7813**.

A 20% lighter version of the original color is **26.9676, 20.7441, 5.6003**, and **2.9913, 1.5582, 0.1431** is the 20% darker color. If you saturate the color by 10%, you get **10.9010, 7.4428, 0.8621**, and if you desaturate by 10%, it is **11.3688, 8.2590, 1.3860**.

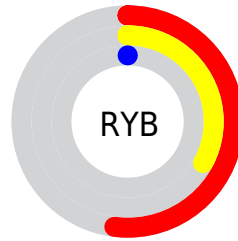
Distribution



Red (52%)

Green (20%)

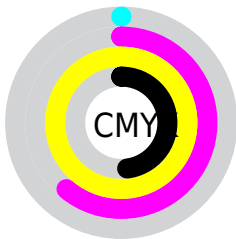
Blue (0%)



Red (52%)

Yellow (33%)

Blue (0%)

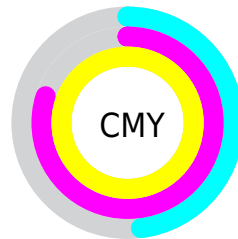


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (48%)



Cyan (48%)


Magenta (80%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 10.9009, 7.4425, 0.8620 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 10.9009, 7.4425, 0.8620 by changing the saturation by 10% instead.


 10.9009, 7.4425,
0.8620


 10.9009, 7.4425,
0.8620


 190.9088,
171.2915, 101.0562

 6.0670, 3.7403,
0.0000


 27.1113, 20.8580,
5.6048


 2.9269, 1.5294,
0.0000

 39.2186, 31.3402,
10.4743


 1.1152, 0.3093,
0.0000

 54.4811, 44.8511,
17.5683

 0.0378, 0.0000,
0.0000


 73.2641, 61.7753,
27.3055


 0.0000, 0.0000,
0.0000


 95.9331, 82.4970,
40.1043


 122.8532,

107.4006, 56.3833


 154.3900,
136.8707, 76.5611


 10.9009, 7.4425,
0.8620


 10.9009, 7.4425,
0.8620


 10.9010, 7.4428,
0.8621

 11.3688, 8.2590,
1.3860

 11.9456, 9.2228,
2.1635

 12.6596, 10.3499,
3.3292

 13.5218, 11.6488,
4.9283

 14.5419, 13.1275,
6.9995

■ 15.7287, 14.7931,
9.5774

■ 17.0900, 16.6524,
12.6930

■ 18.6335, 18.7119,
16.3751

■ 20.3660, 20.9776,
20.6501

Harmonies

Analogous

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



13.4672, 7.4425, 3.2664



10.9009, 7.4425, 0.8620



7.7112, 7.4425, 0.1362

Triad

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



10.9009, 7.4425, 0.8620



2.8714, 7.4425, 6.4567



9.5319, 7.4425, 33.0969

Complementary

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



10.9009, 7.4425, 0.8620



7.1759, 7.5779, 23.2748

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.



6.4727, 7.4425, 36.3322



10.9009, 7.4425, 0.8620



3.1128, 7.4425, 16.2608

Square

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



10.9009, 7.4425, 0.8620



3.4849, 7.4425, 1.8609



4.2672, 7.4425, 28.7701



12.5384, 7.4425, 21.6521

Rectangle

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



10.9009, 7.4425, 0.8620



5.8499, 7.4425, 0.2196



4.2672, 7.4425, 28.7701



8.4577, 7.4425, 35.4022

Sweetspot

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



10.9011, 7.4429, 0.8621



30.4281, 29.5825, 22.3178



11.1965, 5.5960, 8.4761



6.6524, 6.3895, 4.5587



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.



10.9011, 7.4429, 0.8621



19.3772, 13.0400, 1.4957



16.0906, 17.8221, 2.5920



4.8109, 4.9653, 4.9342



10.3909, 7.1044, 0.8236



0.0427, 0.0381, 0.0051

Inverse Universe

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



7.1759, 7.5779, 23.2748



12.6945, 13.2584, 41.6285



4.4119, 2.0499, 22.3534



4.6528, 4.9812, 5.9170



6.8430, 7.2339, 22.1723



0.0308, 0.0393, 0.0792

Previews

White Background



This preview shows how the XYZ color 10.9009, 7.4425, 0.8620 looks on a white background.

Color Contrast Check

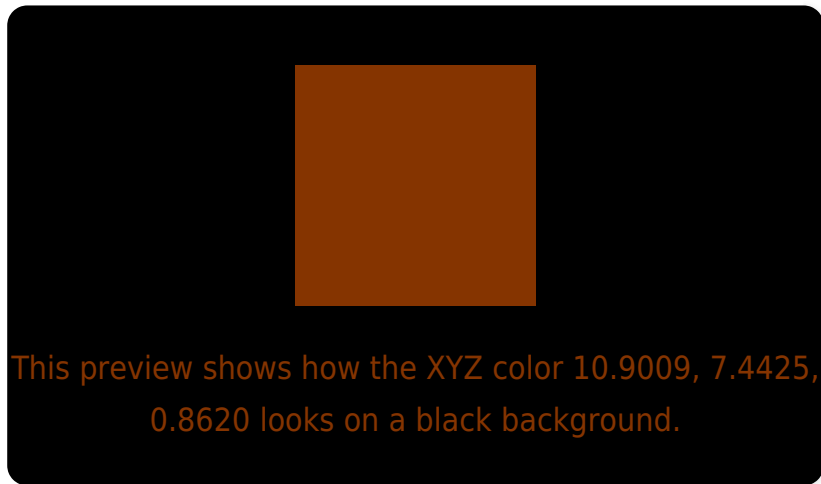
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.9009, 7.4425, 0.8620

Background



This preview shows how black text looks on a background with the XYZ color 10.9009, 7.4425, 0.8620.



This preview shows how white text looks on a background with the XYZ color 10.9009, 7.4425,

0.8620.

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

10.9009, 7.4425, 0.8620

Protanopia

6.8215, 7.5525, 1.4790

Deuteranopia

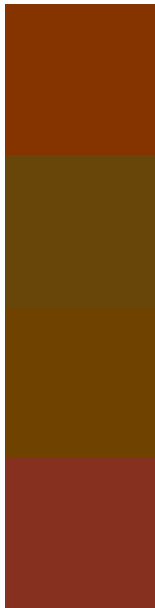
7.5944, 7.5502, 1.0571



Tritanopia

11.4860, 7.4213, 3.9590

Trichromacy



Original Color

10.9009, 7.4425, 0.8620

Protanomaly

7.8809, 7.2168, 1.2073

Deuteranomaly

8.5038, 7.2759, 0.9562

Tritanomaly

11.1905, 7.3692, 2.1991

Monochromacy



Original Color

10.9009, 7.4425, 0.8620

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

6.7654, 6.0716, 3.2980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9009, 7.4425, 0.8620 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(133, 52, 0)` looks like.

```
.text, #text, p{  
    color:rgb(133, 52, 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(133, 52, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 52, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.9009, 7.4425, 0.8620 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(133, 52, 0) }
```


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

```
.border{ border-color:rgb(133, 52, 0) }
```

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

Here you see how a box with a 4 pixel rgb(133, 52, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 52, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 52, 0);  
box-shadow:4px 4px 4px 4px rgb(133, 52, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.9009, 7.4425, 0.8620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 52, 0) }
```

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

```
.background{ background-color: rgb(133, 52,  
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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