

Converting Colors

XYZ(10.7792, 8.6781, 2.2086)

Have a look what the booklet for
XYZ(10.7792, 8.6781, 2.2086)
contains.

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Color

**XYZ(10.7952, 8.7001,
2.2089)**

Conversions

Conversions Part 1

Format	Color
Hex	7D451C
RGB	125, 69, 28
RGB Percent	49%, 27%, 11%
CMY	0.5098, 0.7294, 0.8902
CMYK	0.00, 0.45, 0.78, 0.51
HSL	25°, 63%, 30%
HSV	25°, 78%, 49%
XYZ	10.7952, 8.7001, 2.2089
YIQ	81.0700, 46.5370, -0.8790

Conversions

Conversions Part 2

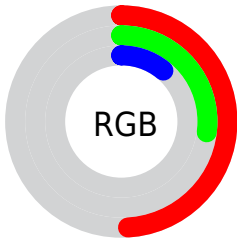
Format	Color
RYB	125, 99, 28
Decimal	8209692
CIELab	35.40, 20.59, 34.07
CIElCh	35, 39.811, 58.860
Yxy	8.7001, 0.4974, 0.4008
Android (android.graphics.Color)	4286399772 (0xFF7D451C)
YUV	81.0700, -26.1635, 38.5266
Hunter-Lab	29.4959, 13.7112, 16.2070

Details

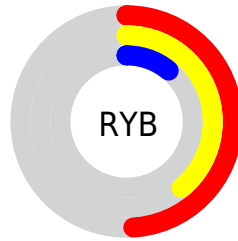
The XYZ color **10.7952, 8.7001, 2.2089** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **7.3506, 8.0676, 20.5717**, and the grayscale version is **7.8789, 8.2892, 9.0269**.

A 20% lighter version of the original color is **27.0059, 23.3964, 9.5712**, and **2.9252, 1.9929, 0.2305** is the 20% darker color. If you saturate the color by 10%, you get **10.2584, 7.8181, 1.4393**, and if you desaturate by 10%, it is **11.4486, 9.7159, 3.3244**.

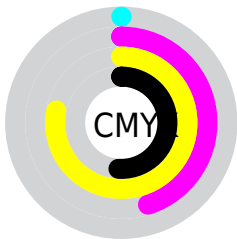
Distribution



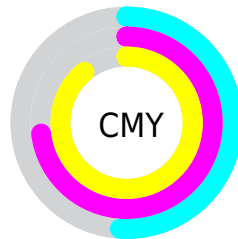
- Red (49%)
- Green (27%)
- Blue (11%)



- Red (49%)
- Yellow (39%)
- Blue (11%)



- Cyan (0%)
- Magenta (45%)
- Yellow (78%)
- Black (51%)





- Cyan (51%)
- Magenta (73%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.7952, 8.7001, 2.2089 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 10.7952, 8.7001, 2.2089 by changing the saturation by 10% instead.


 10.7952, 8.7001,
2.2089


 10.7952, 8.7001,
2.2089


190.1945,
181.1246, 125.5406

 5.9956, 4.5461,
0.6795


 26.9172, 23.3199,
9.6044


 2.8830, 1.9835,
0.0000

 38.9702, 34.5545,
16.3348


 1.0922, 0.5979,
0.0000

 54.1717, 48.9181,
25.6448

 0.0186, 0.0000,
0.0000

 72.8871, 66.7951,
37.9532

 0.0000, 0.0000,
0.0000

 95.4818, 88.5698,
53.6785

 122.3210,

114.6267, 73.2391

153.7701,
145.3502, 97.0536

10.7952, 8.7001,
2.2089

10.7952, 8.7001,
2.2089

10.2584, 7.8181,
1.4393

11.4486, 9.7159,
3.3244

9.8198, 7.0584,
0.9310

12.2268, 10.8705,
4.8220

9.7232, 6.8916,
0.8177

13.1375, 12.1703,
6.7341

14.1879, 13.6207,
9.0891

15.3844, 15.2270,
11.9132

■ 16.7330, 16.9939,
15.2304

■ 18.2392, 18.9261,
19.0629

■ 19.9085, 21.0281,
23.4318

■ 21.7460, 23.3040,
28.3569

Harmonies

Analogous

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



12.8198, 8.7001, 4.5504



10.7952, 8.7001, 2.2089



8.3582, 8.7001, 1.5835

Triad

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



10.7952, 8.7001, 2.2089



4.5651, 8.7001, 9.2213



10.6128, 8.7001, 25.6295

Complementary

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



10.7952, 8.7001, 2.2089



7.3506, 8.0676, 20.5717

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.



8.1808, 8.7001, 28.8279



10.7952, 8.7001, 2.2089



4.9473, 8.7001, 17.0677

Square

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



10.7952, 8.7001, 2.2089



5.0105, 8.7001, 4.2860



6.1716, 8.7001, 25.1397



12.7014, 8.7001, 17.7272

Rectangle

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



10.7952, 8.7001, 2.2089



6.9103, 8.7001, 1.7999



6.1716, 8.7001, 25.1397



9.7955, 8.7001, 27.4174

Sweetspot

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



10.7954, 8.7006, 2.2091



28.4929, 28.5122, 23.6268



10.4959, 5.8398, 9.0818



6.3200, 6.2732, 4.9818



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.



10.7954, 8.7006, 2.2091



17.7639, 12.9444, 1.8919



15.0186, 17.1469, 3.6168



4.4656, 4.6198, 4.5765



10.1414, 7.1793, 0.8512



0.0000, 0.0000, 0.0000

Inverse Universe

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



7.3506, 8.0676, 20.5717



11.2382, 11.6571, 36.4021



4.8140, 2.9944, 19.7262



4.2988, 4.5916, 5.4730



6.2858, 6.3901, 21.1521



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 10.7952, 8.7001, 2.2089 looks on a white background.

Color Contrast Check

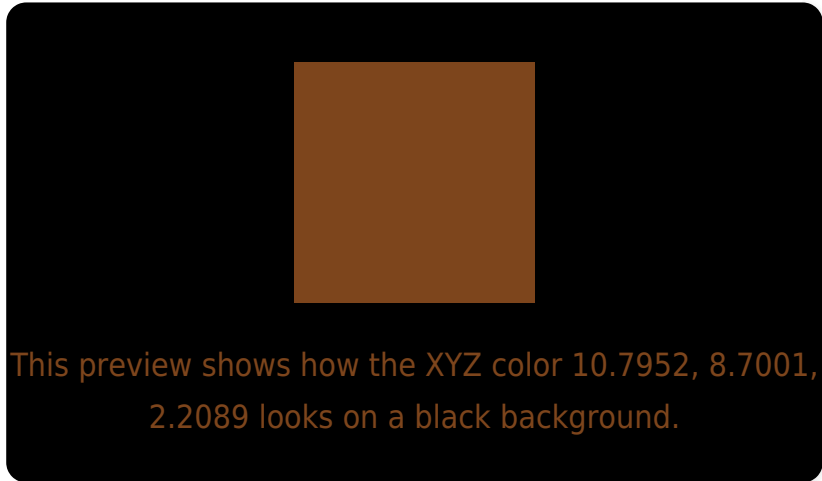
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.7952, 8.7001, 2.2089

Background



This preview shows how black text looks on a background with the XYZ color 10.7952, 8.7001, 2.2089.



This preview shows how white text looks on a background with the XYZ color 10.7952, 8.7001,

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

10.7952, 8.7001, 2.2089

Protanopia

8.0471, 8.8246, 2.6457

Deuteranopia

8.8592, 8.8065, 2.0971



Tritanopia

11.7169, 8.7223, 6.6962

Trichromacy



Original Color

10.7952, 8.7001, 2.2089

Protanomaly

8.8690, 8.6942, 2.5070

Deuteranomaly

9.4420, 8.6838, 2.0982

Tritanomaly

11.2183, 8.5984, 4.5584

Monochromacy



Original Color

10.7952, 8.7001, 2.2089

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

8.4531, 8.1969, 5.6941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7952, 8.7001, 2.2089 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, 69, 28)` looks like.

```
.text, #text, p{  
    color:rgb(125, 69, 28)  
}
```

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, 69, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 69, 28) }
```

Border

The CSS property to change the border of an element to XYZ 10.7952, 8.7001, 2.2089 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, 69, 28) }
```


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

```
.border{ border-color:rgb(125, 69, 28) }
```

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

Here you see how a box with a 4 pixel rgb(125, 69, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 69, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 69, 28);  
box-shadow:4px 4px 4px 4px rgb(125, 69,  
28) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7952, 8.7001, 2.2089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 69, 28) }
```

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

```
.background{ background-color: rgb(125, 69,  
28) }
```

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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