

Converting Colors

XYZ(10.5743, 7.7295, 0.7846)

Have a look what the booklet for
XYZ(10.5743, 7.7295, 0.7846)
contains.

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Color

**XYZ(10.5663, 7.6932,
0.9280)**

Conversions

Conversions Part 1

Format	Color
Hex	813A00
RGB	129, 58, 0
RGB Percent	51%, 23%, 0%
CMY	0.4941, 0.7725, 1.0000
CMYK	0.00, 0.55, 1.00, 0.49
HSL	27°, 100%, 25%
HSV	27°, 100%, 51%
XYZ	10.5663, 7.6932, 0.9280
YIQ	72.6170, 60.9340, -2.9860

Conversions

Conversions Part 2

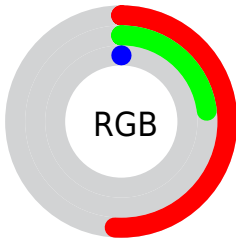
Format	Color
RYB	129, 105, 0
Decimal	8468992
CIELab	33.34, 27.76, 44.20
CIElCh	33, 52.198, 57.867
Yxy	7.6932, 0.5507, 0.4009
Android (android.graphics.Color)	4286659072 (0xFF813A00)
YUV	72.6170, -35.8002, 49.4479
Hunter-Lab	27.7366, 19.4607, 17.4319

Details

The XYZ color **10.5663, 7.6932, 0.9280** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **6.2154, 6.0910, 21.6168**, and the grayscale version is **6.3193, 6.6483, 7.2401**.

A 20% lighter version of the original color is **26.5943, 21.4458, 5.8697**, and **2.7922, 1.6171, 0.1650** is the 20% darker color. If you saturate the color by 10%, you get **10.5664, 7.6936, 0.9281**, and if you desaturate by 10%, it is **11.0215, 8.4884, 1.4350**.

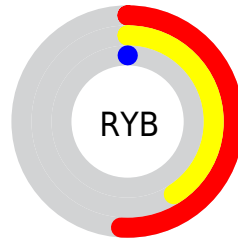
Distribution



Red (51%)

Green (23%)

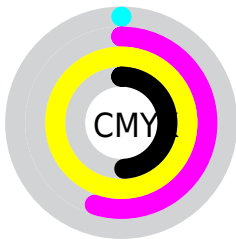
Blue (0%)



Red (51%)

Yellow (41%)

Blue (0%)

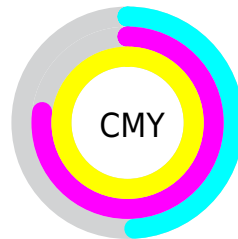


Cyan (0%)

Magenta (55%)

Yellow (100%)

Black (49%)



Cyan (49%)


Magenta (77%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 10.5663, 7.6932, 0.9280 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 10.5663, 7.6932, 0.9280 by changing the saturation by 10% instead.


 10.5663, 7.6932,
0.9280


 10.5663, 7.6932,
0.9280


 188.6378,
173.3054, 102.5303


 5.8411, 3.8993,
0.0000

 26.4955, 21.3548,
5.8209


 2.7885, 1.6174,
0.0000


 38.4302, 31.9912,
10.8013

 1.0429, 0.3693,
0.0000

 53.4988, 45.6772,
18.0292


 0.0000, 0.0000,
0.0000


 72.0667, 62.7973,
27.9232

 94.4992, 83.7357,
40.9017


 121.1616,


108.8770, 57.3834

 152.4194,
138.6054, 77.7868


 10.5663, 7.6932,
0.9280


 10.5663, 7.6932,
0.9280


 10.5664, 7.6936,
0.9281

 11.0215, 8.4884,
1.4350

 11.5680, 9.4019,
2.1707

 12.2323, 10.4474,
3.2654

 13.0241, 11.6315,
4.7605

 13.9515, 12.9601,
6.6918

■ 15.0220, 14.4388,
9.0908

■ 16.2426, 16.0726,
11.9863

■ 17.6195, 17.8665,
15.4047

■ 19.1587, 19.8250,
19.3705

Harmonies

Analogous

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



13.1799, 7.6932, 3.0384



10.5663, 7.6932, 0.9280



7.5144, 7.6932, 0.3715

Triad

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



10.5663, 7.6932, 0.9280



3.1433, 7.6932, 7.8156



10.1288, 7.6932, 30.7419

Complementary

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



10.5663, 7.6932, 0.9280



6.2154, 6.0910, 21.6168

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.



7.1135, 7.6932, 35.1681



10.5663, 7.6932, 0.9280



3.5103, 7.6932, 17.8496

Square

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



10.5663, 7.6932, 0.9280



3.6346, 7.6932, 2.5603



4.8058, 7.6932, 29.3963



12.8852, 7.6932, 19.5472

Rectangle

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



10.5663, 7.6932, 0.9280



5.7815, 7.6932, 0.5450



4.8058, 7.6932, 29.3963



9.0917, 7.6932, 33.2947

Sweetspot

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



10.5665, 7.6936, 0.9281



28.9243, 28.5676, 21.0700



10.2591, 5.1495, 6.7740



6.3677, 6.2281, 4.3388



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.



10.5665, 7.6936, 0.9281



18.7745, 13.4820, 1.6128



15.8178, 18.1964, 2.6786



4.4746, 4.6379, 4.5795



10.3065, 7.5094, 0.9063



0.0000, 0.0000, 0.0000

Inverse Universe

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



6.2154, 6.0910, 21.6168



10.9774, 10.6014, 38.6602



4.0558, 1.7717, 20.8969



4.2896, 4.5733, 5.4699



6.0643, 5.9471, 21.0782



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 10.5663, 7.6932, 0.9280 looks on a white background.

Color Contrast Check

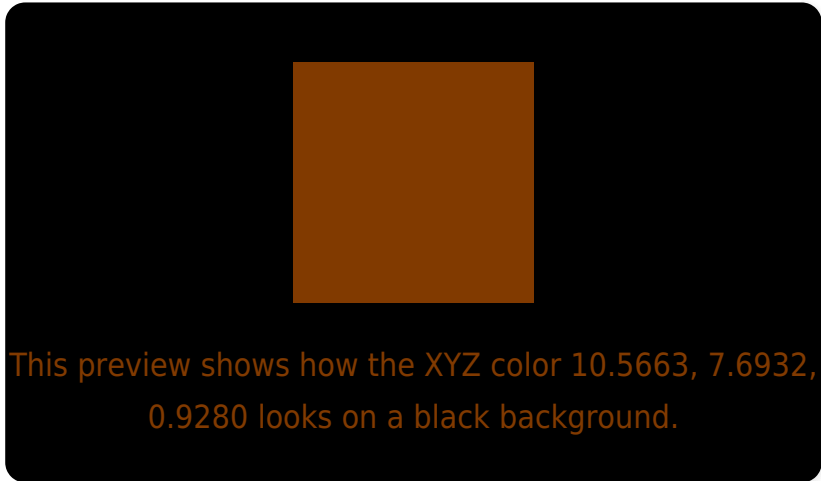
Large Text (above 18pt) WCAG AA ✓ Pass

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

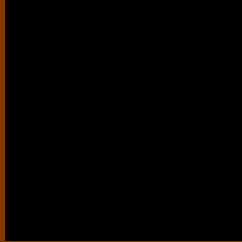
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.5663, 7.6932, 0.9280

Background



This preview shows how black text looks on a background with the XYZ color 10.5663, 7.6932, 0.9280.



This preview shows how white text looks on a background with the XYZ color 10.5663, 7.6932,

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

10.5663, 7.6932, 0.9280

Protanopia

7.0548, 7.8877, 1.4985

Deuteranopia

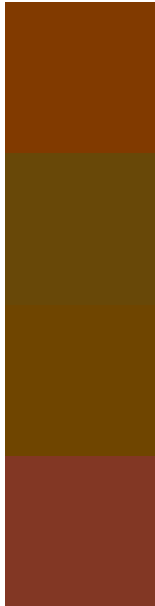
7.7716, 7.7415, 1.0846



Tritanopia

11.4178, 7.7590, 4.7668

Trichromacy



Original Color

10.5663, 7.6932, 0.9280

Protanomaly

8.0701, 7.5953, 1.2704

Deuteranomaly

8.6837, 7.6358, 1.0162

Tritanomaly

10.8905, 7.6056, 2.5631

Monochromacy



Original Color

10.5663, 7.6932, 0.9280

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

7.0745, 6.6587, 3.4972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5663, 7.6932, 0.9280 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(129, 58, 0)` looks like.

```
.text, #text, p{  
    color:rgb(129, 58, 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(129, 58, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 58, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.5663, 7.6932, 0.9280 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(129, 58, 0) }
```


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

```
.border{ border-color:rgb(129, 58, 0) }
```

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

Here you see how a box with a 4 pixel rgb(129, 58, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 58, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 58, 0);  
box-shadow:4px 4px 4px 4px rgb(129, 58, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.5663, 7.6932, 0.9280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 58, 0) }
```

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

```
.background{ background-color: rgb(129, 58,  
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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