

Converting Colors

XYZ(8.5039, 7.4878, 0.0000)

Have a look what the booklet for
XYZ(8.5039, 7.4878, 0.0000)
contains.

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Color

XYZ(8.6227, 7.5138, 0.9958)

Conversions

Conversions Part 1

Format	Color
Hex	6F4400
RGB	111, 68, 0
RGB Percent	44%, 27%, 0%
CMY	0.5647, 0.7333, 1.0000
CMYK	0.00, 0.39, 1.00, 0.56
HSL	37°, 100%, 22%
HSV	37°, 100%, 44%
XYZ	8.6227, 7.5138, 0.9958
YIQ	73.1050, 47.4560, -12.0320

Conversions

Conversions Part 2

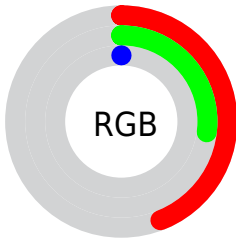
Format	Color
R_YB	70, 111, 0
Decimal	7291904
CIE _{Lab}	32.95, 13.68, 42.57
CIE _{LCh}	33, 44.714, 72.186
Yxy	7.5138, 0.5033, 0.4386
Android (android.graphics.Color)	4285481984 (0xFF6F4400)
YUV	73.1050, -36.0408, 33.2339
Hunter-Lab	27.4113, 8.1805, 17.0340

Details

The XYZ color **8.6227, 7.5138, 0.9958** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **3.7330, 2.8752, 15.3971**, and the grayscale version is **6.4068, 6.7404, 7.3403**.

A 20% lighter version of the original color is **22.8016, 20.9542, 6.0916**, and **2.0350, 1.5651, 0.1948** is the 20% darker color. If you saturate the color by 10%, you get **8.6228, 7.5141, 0.9959**, and if you desaturate by 10%, it is **8.9535, 8.0779, 1.4070**.

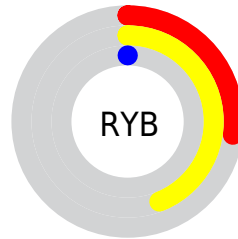
Distribution



Red (44%)

Green (27%)

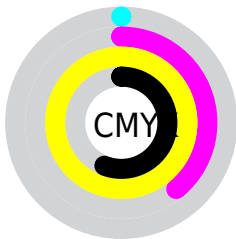
Blue (0%)



Red (27%)

Yellow (44%)

Blue (0%)

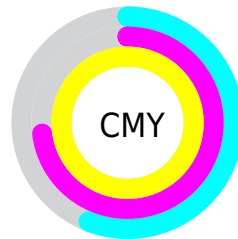


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (56%)



Cyan (56%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.6227, 7.5138, 0.9958 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 8.6227, 7.5138, 0.9958 by changing the saturation by 10% instead.

8.6227, 7.5138,
0.9958

8.6227, 7.5138,
0.9958

174.8051,
171.8672, 104.0520

4.5510, 3.7855,
0.0000

22.8444, 20.9996,
6.0475

2.0184, 1.5543,
0.0000

33.7251, 31.5259,
11.1426

0.6442, 0.3265,
0.0000

47.6062, 45.0869,
18.5087

0.0000, 0.0000,
0.0000


64.8530, 62.0671,
28.5642

85.8310, 82.8508,
41.7278


110.9054,


107.8225, 58.4179


 140.4417,
137.3665, 79.0531


 8.6227, 7.5138,
0.9958


 8.6227, 7.5138,
0.9958


 8.6228, 7.5141,
0.9959

 8.9535, 8.0779,
1.4070

 9.3285, 8.6906,
1.9550

 9.7695, 9.3614,
2.7531

 10.2822, 10.0933,
3.8288

 10.8715, 10.8887,
5.2064

■ 11.5418, 11.7501,
6.9073

■ 12.2971, 12.6796,
8.9509

■ 13.1412, 13.6791,
11.3551

■ 14.0775, 14.7507,
14.1366

Harmonies

Analogous

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



11.0620, 7.5138, 2.1872



8.6227, 7.5138, 0.9958



6.2254, 7.5138, 0.9160

Triad

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



8.6227, 7.5138, 0.9958



3.5593, 7.5138, 11.2446



10.6453, 7.5138, 22.0941

Complementary

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



8.6227, 7.5138, 0.9958



3.7330, 2.8752, 15.3971

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.



8.1436, 7.5138, 28.6109



8.6227, 7.5138, 0.9958



4.2779, 7.5138, 20.3893

Square

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



8.6227, 7.5138, 0.9958



3.6324, 7.5138, 4.8131



5.8407, 7.5138, 27.8563



12.3953, 7.5138, 12.8390

Rectangle

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



8.6227, 7.5138, 0.9958



4.9858, 7.5138, 1.3731



5.8407, 7.5138, 27.8563



9.8436, 7.5138, 24.8589

Sweetspot

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



8.6229, 7.5142, 0.9959



21.9037, 22.5643, 15.7051



7.0177, 3.5644, 2.7407



5.1530, 5.2878, 3.4732



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



8.6229, 7.5142, 0.9959



15.3152, 13.2043, 1.7415



10.9289, 14.0724, 2.1403



3.5386, 3.7097, 3.6029



10.1355, 8.8035, 1.1651



49.6347, 42.1445, 5.5187

Inverse Universe

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



3.7330, 2.8752, 15.3971



6.5667, 4.9129, 27.5320



3.0086, 1.2196, 15.1157



3.3137, 3.4927, 4.2537



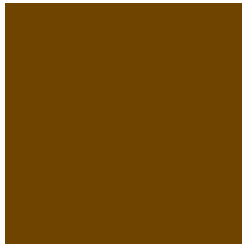
4.3747, 3.3398, 18.1357



21.0084, 15.0686, 90.0804

Previews

White Background



This preview shows how the XYZ color 8.6227, 7.5138, 0.9958 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



This preview shows how the XYZ color 8.6227, 7.5138, 0.9958 looks on a 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 8.6227, 7.5138, 0.9958

Background



This preview shows how black text looks on a background with the XYZ color 8.6227, 7.5138, 0.9958.



This preview shows how white text looks on a background with the XYZ color 8.6227, 7.5138, 0.9958.

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

8.6227, 7.5138, 0.9958

Protanopia

6.7927, 7.5410, 1.3273

Deuteranopia

7.5944, 7.5502, 1.0571



Tritanopia

9.7603, 7.5498, 6.4117

Trichromacy



Original Color
8.6227, 7.5138, 0.9958

Protanomaly
7.3000, 7.3953, 1.1863

Deuteranomaly
7.9109, 7.5183, 1.0342

Tritanomaly
9.1364, 7.4657, 3.2450

Monochromacy



Original Color
8.6227, 7.5138, 0.9958

Achromatopsia
6.3328, 6.6626, 7.2556

Achromatomaly
6.6769, 6.7300, 3.5319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.6227, 7.5138, 0.9958 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(111, 68, 0)` looks like.

```
.text, #text, p{  
    color:rgb(111, 68, 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(111, 68, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 68, 0) }
```

Border

The CSS property to change the border of an element to XYZ 8.6227, 7.5138, 0.9958 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(111, 68, 0) }
```

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

```
.border{ border-color:rgb(111, 68, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 68, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 68, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 68, 0);  
box-shadow:4px 4px 4px 4px rgb(111, 68, 0)  
}
```


Background

The CSS property to change the background color of an element to XYZ 8.6227, 7.5138, 0.9958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 68, 0) }
```

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

```
.background{ background-color: rgb(111, 68,  
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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