

Converting Colors

XYZ(10.8045, 9.6410, 0.6483)

Have a look what the booklet for
XYZ(10.8045, 9.6410, 0.6483)
contains.

XYZ(10.8928, 9.6597, 1.2904)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(10.8928, 9.6597,
1.2904)**

Conversions

Conversions Part 1

Format	Color
Hex	7B4E00
RGB	123, 78, 0
RGB Percent	48%, 31%, 0%
CMY	0.5176, 0.6941, 1.0000
CMYK	0.00, 0.37, 1.00, 0.52
HSL	38°, 100%, 24%
HSV	38°, 100%, 48%
XYZ	10.8928, 9.6597, 1.2904
YIQ	82.5630, 51.8580, -14.7180

Conversions

Conversions Part 2

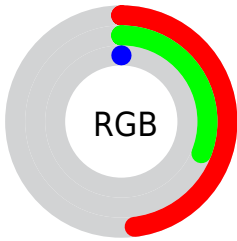
Format	Color
R_{YB}	71, 123, 0
Decimal	8080896
CIE Lab	37.22, 13.45, 46.17
CIE LCh	37, 48.088, 73.756
Yxy	9.6597, 0.4987, 0.4422
Android (android.graphics.Color)	4286270976 (0xFF7B4E00)
YUV	82.5630, -40.7036, 35.4632
Hunter-Lab	31.0801, 8.1698, 19.2944

Details

The XYZ color **10.8928, 9.6597, 1.2904** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.5136, 3.3069, 19.1393**, and the grayscale version is **8.2061, 8.6334, 9.4018**.

A 20% lighter version of the original color is **27.1014, 25.1579, 7.0420**, and **2.9559, 2.3730, 0.3022** is the 20% darker color. If you saturate the color by 10%, you get **10.8929, 9.6600, 1.2905**, and if you desaturate by 10%, it is **11.2920, 10.3490, 1.7600**.

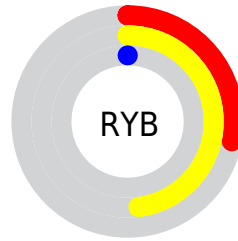
Distribution



Red (48%)

Green (31%)

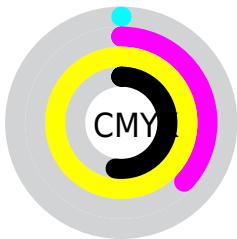
Blue (0%)



Red (28%)

Yellow (48%)

Blue (0%)

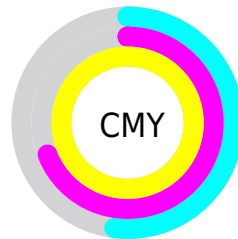


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (52%)



Cyan (52%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.8928, 9.6597, 1.2904 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 10.8928, 9.6597, 1.2904 by changing the saturation by 10% instead.

10.8928, 9.6597,
1.2904

10.8928, 9.6597,
1.2904

190.8541,
188.2257, 110.1471

6.0616, 5.1739,
0.0539

27.0965, 25.1534,
6.9898

2.9236, 2.3497,
0.0000

39.1996, 36.9302,
12.5462

1.1135, 0.7998,
0.0000

54.4574, 51.9060,
20.4652

0.0363, 0.0000,
0.0000

73.2353, 70.4654,
31.1652


0.0000, 0.0000,
0.0000


95.8985, 92.9926,
45.0649


122.8125,


119.8722, 62.5828


 154.3426,
151.4884, 84.1373


 10.8928, 9.6597,
1.2904


 10.8928, 9.6597,
1.2904


 10.8929, 9.6600,
1.2905

 11.2920, 10.3490,
1.7600

 11.7480, 11.0963,
2.4200

 12.2850, 11.9123,
3.3941

 12.9101, 12.8006,
4.7186

 13.6298, 13.7643,
6.4247

■ 14.4496, 14.8063,
8.5402

■ 15.3746, 15.9292,
11.0903

■ 16.4096, 17.1354,
14.0980

■ 17.5589, 18.4274,
17.5848

Harmonies

Analogous

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



14.0146, 9.6597, 2.7262



10.8928, 9.6597, 1.2904



7.8757, 9.6597, 1.2451

Triad

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



10.8928, 9.6597, 1.2904



4.6377, 9.6597, 14.9597



13.7809, 9.6597, 27.5513

Complementary

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



10.8928, 9.6597, 1.2904



4.5136, 3.3069, 19.1393

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.



10.6237, 9.6597, 36.1397



10.8928, 9.6597, 1.2904



5.6106, 9.6597, 26.5977

Square

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



10.8928, 9.6597, 1.2904



4.6790, 9.6597, 6.5374



7.6591, 9.6597, 35.7182



15.9145, 9.6597, 15.8541

Rectangle

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



10.8928, 9.6597, 1.2904



6.3324, 9.6597, 1.8902



7.6591, 9.6597, 35.7182



12.7774, 9.6597, 31.1240

Sweetspot

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



10.8930, 9.6602, 1.2906



27.4028, 28.3712, 19.4943



8.6440, 4.4013, 2.8869



6.3138, 6.5137, 4.1998



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.



10.8930, 9.6602, 1.2906



19.3669, 17.0196, 2.2644



13.0984, 17.2670, 2.6426



4.1903, 4.3990, 4.2527



11.2634, 9.9827, 1.3332



52.8952, 45.9539, 6.0821

Inverse Universe

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



4.5136, 3.3069, 19.1393



7.9544, 5.6654, 34.2309



3.7958, 1.5439, 18.8368



3.9066, 4.1115, 5.0309



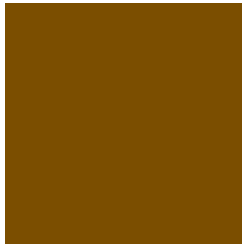
4.6642, 3.4109, 19.7978



21.5001, 14.7729, 94.1881

Previews

White Background



This preview shows how the XYZ color 10.8928, 9.6597, 1.2904 looks on a white background.

Color Contrast Check

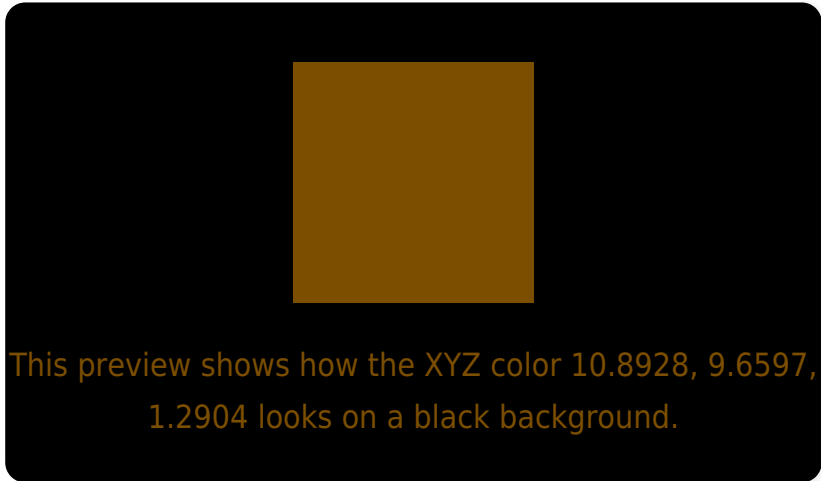
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.8928, 9.6597, 1.2904

Background



This preview shows how black text looks on a background with the XYZ color 10.8928, 9.6597, 1.2904.



This preview shows how white text looks on a background with the XYZ color 10.8928, 9.6597,

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

10.8928, 9.6597, 1.2904

Protanopia

8.6846, 9.6518, 1.6637

Deuteranopia

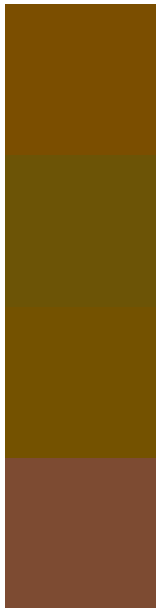
9.8524, 9.7854, 1.3695



Tritanopia

12.3619, 9.7508, 8.4383

Trichromacy



Original Color

10.8928, 9.6597, 1.2904

Protanomaly

9.3875, 9.5419, 1.5193

Deuteranomaly

10.2198, 9.7476, 1.3428

Tritanomaly

11.5492, 9.6224, 4.2662

Monochromacy



Original Color

10.8928, 9.6597, 1.2904

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

8.6220, 8.7386, 4.6004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8928, 9.6597, 1.2904 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(123, 78, 0)` looks like.

```
.text, #text, p{  
    color:rgb(123, 78, 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(123, 78, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 78, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.8928, 9.6597, 1.2904 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(123, 78, 0) }
```


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

```
.border{ border-color:rgb(123, 78, 0) }
```

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

Here you see how a box with a 4 pixel rgb(123, 78, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 78, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 78, 0);  
box-shadow:4px 4px 4px 4px rgb(123, 78, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.8928, 9.6597, 1.2904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 78, 0) }
```

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

```
.background{ background-color: rgb(123, 78,  
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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