

Converting Colors

XYZ(10.3926, 9.2850, 1.2444)

Have a look what the booklet for
XYZ(10.3926, 9.2850, 1.2444)
contains.

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Color

**XYZ(10.3996, 9.3008,
1.2471)**

Conversions

Conversions Part 1

Format	Color
Hex	784D00
RGB	120, 77, 0
RGB Percent	47%, 30%, 0%
CMY	0.5294, 0.6980, 1.0000
CMYK	0.00, 0.36, 1.00, 0.53
HSL	39°, 100%, 24%
HSV	39°, 100%, 47%
XYZ	10.3996, 9.3008, 1.2471
YIQ	81.0790, 50.3450, -14.8310

Conversions

Conversions Part 2

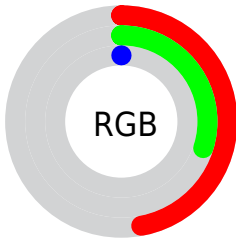
Format	Color
RYB	67, 120, 0
Decimal	7884032
CIELab	36.56, 12.61, 45.53
CIELCh	37, 47.246, 74.524
Yxy	9.3008, 0.4965, 0.4440
Android (android.graphics.Color)	4286074112 (0xFF784D00)
YUV	81.0790, -39.9719, 34.1337
Hunter-Lab	30.4972, 7.4987, 18.9235

Details

The XYZ color **10.3996, 9.3008, 1.2471** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **4.2540, 3.0837, 18.1402**, and the grayscale version is **7.9066, 8.3184, 9.0587**.

A 20% lighter version of the original color is **26.2582, 24.5352, 6.8418**, and **2.7906, 2.2460, 0.2864** is the 20% darker color. If you saturate the color by 10%, you get **10.3997, 9.3011, 1.2472**, and if you desaturate by 10%, it is **10.7771, 9.9496, 1.7004**.

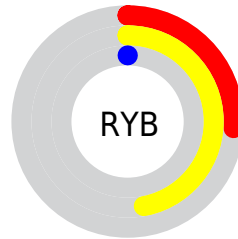
Distribution



Red (47%)

Green (30%)

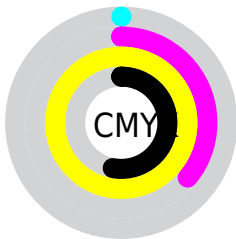
Blue (0%)



Red (26%)

Yellow (47%)

Blue (0%)

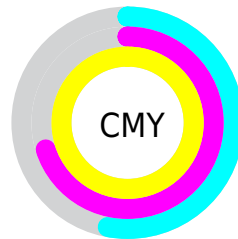


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (53%)



Cyan (53%)


Magenta (70%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 10.3996, 9.3008, 1.2471 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 10.3996, 9.3008, 1.2471 by changing the saturation by 10% instead.


 10.3996, 9.3008,
1.2471


 10.3996, 9.3008,
1.2471


 187.4954,
185.6063, 109.3003


 5.7290, 4.9379,
0.0178

 26.1874, 24.4718,
6.8556


 2.7201, 2.2109,
0.0000


 38.0352, 36.0487,
12.3478

 1.0075, 0.7259,
0.0000

 53.0062, 50.7990,
20.1900


 0.0000, 0.0000,
0.0000


 71.4656, 69.1072,
30.8008

 93.7789, 91.3576,
44.5986


 120.3114,

117.9347, 62.0022


 151.4285,
149.2228, 83.4299


 10.3996, 9.3008,
1.2471


 10.3996, 9.3008,
1.2471


 10.3997, 9.3011,
1.2472

 10.7771, 9.9496,
1.7004

 11.2067, 10.6513,
2.3295

 11.7121, 11.4163,
3.2555

 12.2999, 12.2479,
4.5124

 12.9762, 13.1489,
6.1294

■ 13.7460, 14.1220,
8.1326

■ 14.6143, 15.1697,
10.5458

■ 15.5854, 16.2942,
13.3905

■ 16.6635, 17.4977,
16.6871

Harmonies

Analogous

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



13.3988, 9.3008, 2.5856



10.3996, 9.3008, 1.2471



7.5243, 9.3008, 1.2303

Triad

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



10.3996, 9.3008, 1.2471



4.4941, 9.3008, 14.6417



13.3133, 9.3008, 26.1385

Complementary

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



10.3996, 9.3008, 1.2471



4.2540, 3.0837, 18.1402

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.



10.3011, 9.3008, 34.5026



10.3996, 9.3008, 1.2471



5.4541, 9.3008, 25.7902

Square

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



10.3996, 9.3008, 1.2471



4.5093, 9.3008, 6.4611



7.4449, 9.3008, 34.3487



15.3137, 9.3008, 14.9689

Rectangle

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



10.3996, 9.3008, 1.2471



6.0613, 9.3008, 1.8798



7.4449, 9.3008, 34.3487



12.3600, 9.3008, 29.5863

Sweetspot

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



10.3998, 9.3013, 1.2473



25.5854, 26.5406, 18.2099



8.2004, 4.1750, 2.7567



5.9363, 6.1380, 3.9569



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.3998, 9.3013, 1.2473



18.1628, 16.1020, 2.1507



12.4254, 16.3759, 2.5061



4.1926, 4.4037, 4.2535



11.3319, 10.1198, 1.3561



53.2274, 46.6183, 6.1928

Inverse Universe

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



4.2540, 3.0837, 18.1402



7.3641, 5.1878, 31.8663



3.6039, 1.4663, 17.8623



3.9043, 4.1069, 5.0301



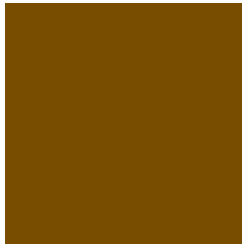
4.6281, 3.3387, 19.7858



21.3368, 14.4463, 94.1336

Previews

White Background



This preview shows how the XYZ color 10.3996, 9.3008, 1.2471 looks on a white background.

Color Contrast Check

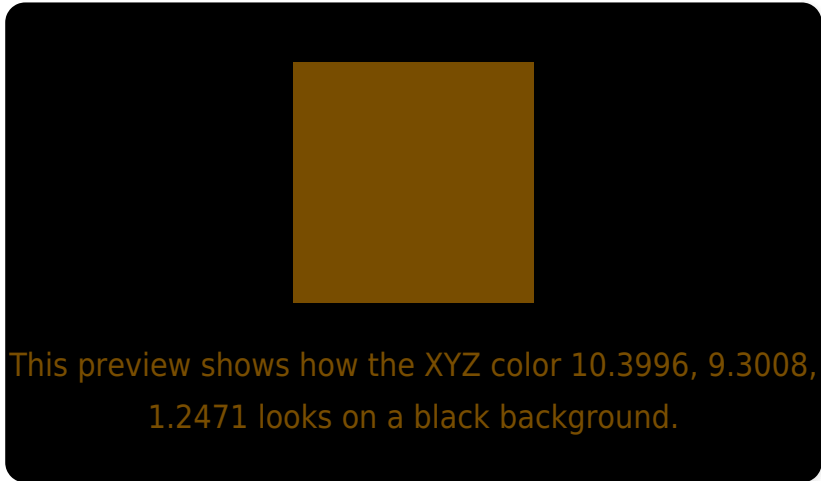
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.3996, 9.3008, 1.2471

Background



This preview shows how black text looks on a background with the XYZ color 10.3996, 9.3008, 1.2471.



This preview shows how white text looks on a background with the XYZ color 10.3996, 9.3008,

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

10.3996, 9.3008, 1.2471

Protanopia

8.4890, 9.4306, 1.6026

Deuteranopia

9.3240, 9.2858, 1.3009



Tritanopia

11.8253, 9.3815, 8.2087

Trichromacy



Original Color

10.3996, 9.3008, 1.2471

Protanomaly

9.0645, 9.2616, 1.4535

Deuteranomaly

9.6787, 9.2480, 1.2749

Tritanomaly

11.0292, 9.2569, 4.1112

Monochromacy



Original Color

10.3996, 9.3008, 1.2471

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

8.2078, 8.4182, 4.4411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.3996, 9.3008, 1.2471 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(120, 77, 0)` looks like.

```
.text, #text, p{  
    color:rgb(120, 77, 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(120, 77, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 77, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.3996, 9.3008, 1.2471 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(120, 77, 0) }
```


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

```
.border{ border-color:rgb(120, 77, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 77, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 77, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 77, 0);  
box-shadow:4px 4px 4px 4px rgb(120, 77, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.3996, 9.3008, 1.2471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 77, 0) }
```

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

```
.background{ background-color: rgb(120, 77,  
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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