

Converting Colors

XYZ(10.7739, 9.5485, 1.2754)

Have a look what the booklet for
XYZ(10.7739, 9.5485, 1.2754)
contains.

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Color

**XYZ(10.7504, 9.5864,
1.2837)**

Conversions

Conversions Part 1

Format	Color
Hex	7A4E00
RGB	122, 78, 0
RGB Percent	48%, 31%, 0%
CMY	0.5216, 0.6941, 1.0000
CMYK	0.00, 0.36, 1.00, 0.52
HSL	38°, 100%, 24%
HSV	38°, 100%, 48%
XYZ	10.7504, 9.5864, 1.2837
YIQ	82.2640, 51.2620, -14.9300

Conversions

Conversions Part 2

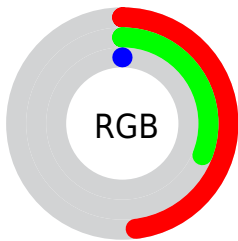
Format	Color
RYB	69, 122, 0
Decimal	8015360
CIELab	37.09, 12.97, 46.01
CIELCh	37, 47.807, 74.258
Yxy	9.5864, 0.4972, 0.4434
Android (android.graphics.Color)	4286205440 (0xFF7A4E00)
YUV	82.2640, -40.5562, 34.8485
Hunter-Lab	30.9619, 7.7943, 19.2151

Details

The XYZ color **10.7504, 9.5864, 1.2837** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.4134, 3.2062, 18.7983**, and the grayscale version is **8.1453, 8.5695, 9.3322**.

A 20% lighter version of the original color is **26.8694, 25.0383, 7.0311**, and **2.9559, 2.3730, 0.3022** is the 20% darker color. If you saturate the color by 10%, you get **10.7506, 9.5868, 1.2838**, and if you desaturate by 10%, it is **11.1413, 10.2602, 1.7475**.

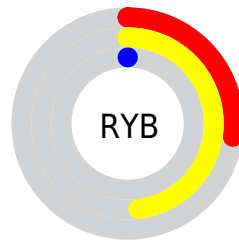
Distribution



Red (48%)

Green (31%)

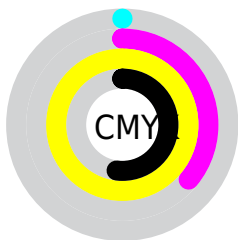
Blue (0%)



Red (27%)

Yellow (48%)

Blue (0%)

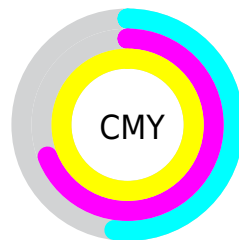


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (52%)



Cyan (52%)


Magenta (69%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 10.7504, 9.5864, 1.2837 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 10.7504, 9.5864, 1.2837 by changing the saturation by 10% instead.


 10.7504, 9.5864,
1.2837


 10.7504, 9.5864,
1.2837


 189.8909,
187.6941, 110.0170


 5.9653, 5.1256,
0.0484


 26.8347, 25.0146,
6.9691


 2.8645, 2.3211,
0.0000

 38.8647, 36.7508,
12.5157


 1.0825, 0.7849,
0.0000

 54.0403, 51.6809,
20.4229

 0.0104, 0.0000,
0.0000


 72.7270, 70.1893,
31.1092

 0.0000, 0.0000,
0.0000

 95.2900, 92.6605,
44.9933

 122.0948,


119.4787, 62.4935


 153.5066,
151.0285, 84.0286


 10.7504, 9.5864,
1.2837


 10.7504, 9.5864,
1.2837


 10.7506, 9.5868,
1.2838

 11.1413, 10.2602,
1.7475

 11.5873, 10.9897,
2.3967

 12.1121, 11.7855,
3.3541

 12.7228, 12.6510,
4.6551

 13.4256, 13.5892,
6.3304

■ 14.2260, 14.6029,
8.4071

■ 15.1290, 15.6946,
10.9100

■ 16.1392, 16.8669,
13.8617

■ 17.2610, 18.1218,
17.2831

Harmonies

Analogous

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



13.8441, 9.5864, 2.6789



10.7504, 9.5864, 1.2837



7.7762, 9.5864, 1.2568

Triad

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



10.7504, 9.5864, 1.2837



4.6219, 9.5864, 15.0064



13.7064, 9.5864, 27.0795

Complementary

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



10.7504, 9.5864, 1.2837



4.4134, 3.2062, 18.7983

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.



10.5917, 9.5864, 35.6670



10.7504, 9.5864, 1.2837



5.6030, 9.5864, 26.5179

Square

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



10.7504, 9.5864, 1.2837



4.6462, 9.5864, 6.5998



7.6484, 9.5864, 35.4189



15.7874, 9.5864, 15.5336

Rectangle

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



10.7504, 9.5864, 1.2837



6.2602, 9.5864, 1.9160



7.6484, 9.5864, 35.4189



12.7191, 9.5864, 30.6305

Sweetspot

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



10.7506, 9.5869, 1.2839



26.4956, 27.4682, 18.8493



8.4945, 4.3250, 2.8429



5.9323, 6.1300, 3.9556



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.



10.7506, 9.5869, 1.2839



18.7823, 16.6033, 2.2148



12.8716, 16.9667, 2.5965



4.1919, 4.4023, 4.2533



11.3108, 10.0775, 1.3490



53.1249, 46.4133, 6.1587

Inverse Universe

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



4.4134, 3.2062, 18.7983



7.6440, 5.3997, 33.0323



3.7311, 1.5177, 18.5084



3.9050, 4.1083, 5.0303



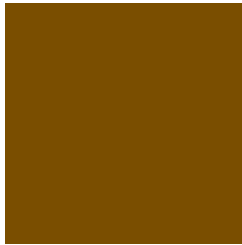
4.6391, 3.3607, 19.7895



21.3865, 14.5456, 94.1502

Previews

White Background



This preview shows how the XYZ color 10.7504, 9.5864, 1.2837 looks on a white background.

Color Contrast Check

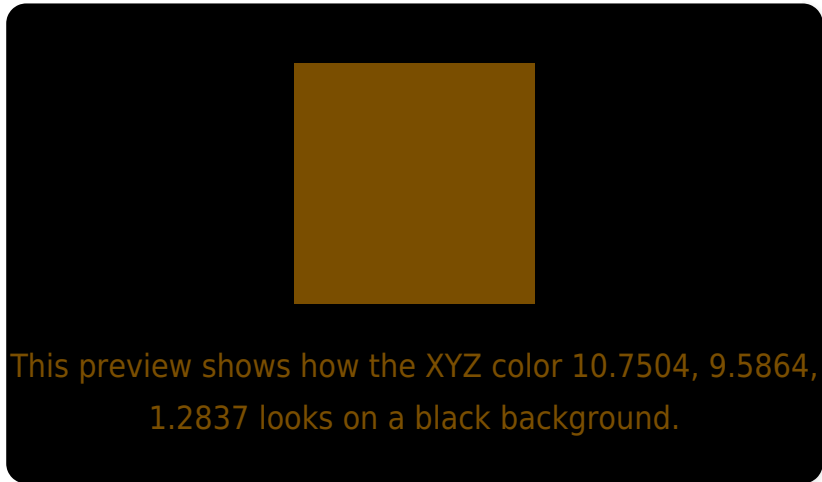
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.7504, 9.5864, 1.2837

Background



This preview shows how black text looks on a background with the XYZ color 10.7504, 9.5864, 1.2837.



This preview shows how white text looks on a background with the XYZ color 10.7504, 9.5864,

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

10.7504, 9.5864, 1.2837

Protanopia

8.6846, 9.6518, 1.6637

Deuteranopia

9.6488, 9.5660, 1.3379



Tritanopia

12.2151, 9.6751, 8.4314

Trichromacy



Original Color

10.7504, 9.5864, 1.2837

Protanomaly

9.2666, 9.4796, 1.5136

Deuteranomaly

10.0127, 9.5297, 1.3117

Tritanomaly

11.4040, 9.5475, 4.2594

Monochromacy



Original Color

10.7504, 9.5864, 1.2837

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

8.4920, 8.6742, 4.4755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7504, 9.5864, 1.2837 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(122, 78, 0)` looks like.

```
.text, #text, p{  
    color:rgb(122, 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(122, 78, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 78, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.7504, 9.5864, 1.2837 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(122, 78, 0) }
```


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

```
.border{ border-color:rgb(122, 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(122, 78, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 78, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 78, 0);  
box-shadow:4px 4px 4px 4px rgb(122, 78, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.7504, 9.5864, 1.2837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 78, 0) }
```

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

```
.background{ background-color: rgb(122, 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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