

Converting Colors

XYZ(11.9483, 7.3367, 0.7864)

Have a look what the booklet for
XYZ(11.9483, 7.3367, 0.7864)
contains.

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Color

**XYZ(11.9483, 7.3367,
0.7864)**

Conversions

Conversions Part 1

Format	Color
Hex	8E2900
RGB	142, 41, 0
RGB Percent	56%, 16%, 0%
CMY	0.4431, 0.8392, 1.0000
CMYK	0.00, 0.71, 1.00, 0.44
HSL	17°, 100%, 28%
HSV	17°, 100%, 56%
XYZ	11.9483, 7.3367, 0.7864
YIQ	66.5250, 73.3570, 8.6610

Conversions

Conversions Part 2

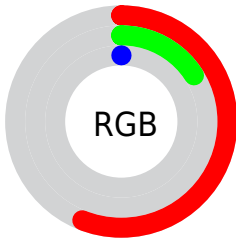
Format	Color
R_{YB}	142, 58, 0
Decimal	9316608
CIE _{Lab}	32.56, 41.16, 44.89
CIE _{LCh}	33, 60.902, 47.487
Yxy	7.3367, 0.5953, 0.3655
Android (android.graphics.Color)	4287506688 (0xFF8E2900)
YUV	66.5250, -32.7968, 66.1916
Hunter-Lab	27.0863, 31.3386, 17.2391

Details

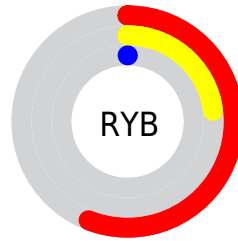
The XYZ color **11.9483, 7.3367, 0.7864** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **9.5356, 11.2592, 27.2617**, and the grayscale version is **5.3026, 5.5787, 6.0752**.

A 20% lighter version of the original color is **29.0973, 20.7470, 5.3767**, and **3.5673, 1.8390, 0.1669** is the 20% darker color. If you saturate the color by 10%, you get **11.9484, 7.3370, 0.7864**, and if you desaturate by 10%, it is **12.4244, 8.1600, 1.3429**.

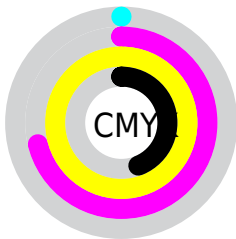
Distribution



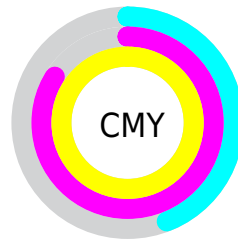
- Red (56%)
- Green (16%)
- Blue (0%)



- Red (56%)
- Yellow (23%)
- Blue (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (100%)
- Black (44%)




- Cyan (44%)
- Magenta (84%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 11.9483, 7.3367, 0.7864 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 11.9483, 7.3367, 0.7864 by changing the saturation by 10% instead.


 11.9483, 7.3367,
0.7864

 11.9483, 7.3367,
0.7864


 197.8396,
170.4328, 99.3851


 6.7804, 3.6735,
0.0000


 29.0186, 20.6474,
5.3640


 3.3703, 1.4927,
0.0000

 41.6517, 31.0638,
10.1078

 1.3525, 0.2836,
0.0000

 57.5040, 44.5000,
17.0500

 0.2220, 0.0000,
0.0000


 76.9407, 61.3405,
26.6091


 0.0000, 0.0000,
0.0000


 100.3273, 81.9696,
39.2036


 128.0291,


106.7718, 55.2521


 160.4114,
136.1314, 75.1731


 11.9483, 7.3367,
0.7864


 11.9483, 7.3367,
0.7864


 11.9484, 7.3370,
0.7864

 12.4244, 8.1600,
1.3429

 13.0495, 9.1961,
2.2112

 13.8567, 10.4677,
3.5375

 14.8614, 11.9894,
5.3759

 16.0770, 13.7744,
7.7729

■ 17.5155, 15.8348,
10.7697

■ 19.1881, 18.1822,
14.4035

■ 21.1051, 20.8271,
18.7086

■ 23.2764, 23.7799,
23.7168

Harmonies

Analogous

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



14.5390, 7.3367, 3.8118



11.9483, 7.3367, 0.7864



8.3770, 7.3367, 0.0000

Triad

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



11.9483, 7.3367, 0.7864



2.5591, 7.3367, 4.7754



8.9669, 7.3367, 38.8178

Complementary

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



11.9483, 7.3367, 0.7864



9.5356, 11.2592, 27.2617

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.



5.7359, 7.3367, 39.9518



11.9483, 7.3367, 0.7864



2.6299, 7.3367, 14.4548

Square

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



11.9483, 7.3367, 0.7864



3.3801, 7.3367, 1.0501



3.6158, 7.3367, 28.9590



12.4911, 7.3367, 26.5076

Rectangle

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



11.9483, 7.3367, 0.7864



6.2099, 7.3367, 0.0000



3.6158, 7.3367, 28.9590



7.7968, 7.3367, 40.7333

Sweetspot

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



11.9485, 7.3371, 0.7865



33.6400, 31.7890, 24.9649



13.5420, 6.7055, 13.0904



7.2617, 6.7483, 5.0238



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



11.9485, 7.3371, 0.7865



20.9455, 12.6890, 1.3453



16.8652, 17.1706, 2.4254



5.5279, 5.6620, 5.6909



10.7423, 6.6162, 0.7109



0.1197, 0.0973, 0.0125

Inverse Universe

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



9.5356, 11.2592, 27.2617



16.6699, 19.5641, 48.0255



5.3664, 2.9209, 25.8720



5.4305, 5.8568, 6.8730



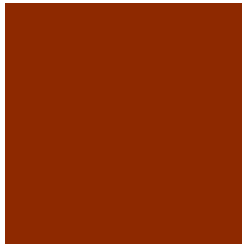
8.5777, 10.1415, 24.4825



0.1010, 0.1349, 0.2404

Previews

White Background



This preview shows how the XYZ color 11.9483, 7.3367, 0.7864 looks on a white background.

Color Contrast Check

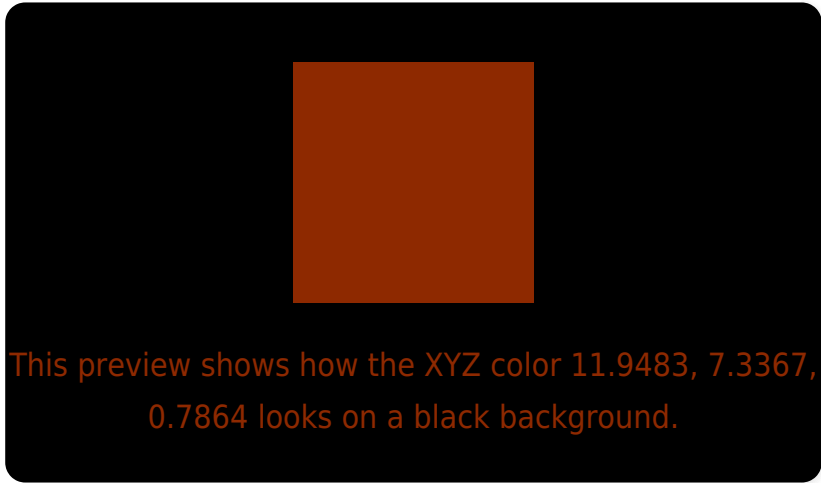
Large Text (above 18pt) WCAG AA ✓ Pass

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

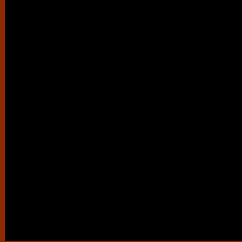
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.9483, 7.3367, 0.7864

Background



This preview shows how black text looks on a background with the XYZ color 11.9483, 7.3367, 0.7864.



This preview shows how white text looks on a background with the XYZ color 11.9483, 7.3367,

0.7864.

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

11.9483, 7.3367, 0.7864

Protanopia

6.8424, 7.5609, 1.5890

Tritanopia

12.4038, 7.3791, 2.7780

Trichromacy



Original Color

11.9483, 7.3367, 0.7864

Protanomaly

8.1294, 6.9907, 1.2080

Tritanomaly

12.2287, 7.3609, 1.6960

Monochromacy



Original Color

11.9483, 7.3367, 0.7864

Achromatopsia

5.3350, 5.6128, 6.1124

Achromatomaly

6.5652, 5.5802, 3.0166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9483, 7.3367, 0.7864 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(142, 41, 0)` looks like.

```
.text, #text, p{  
    color:rgb(142, 41, 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(142, 41, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 41, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.9483, 7.3367, 0.7864 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(142, 41, 0) }
```

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

```
.border{ border-color:rgb(142, 41, 0) }
```

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

Here you see how a box with a 4 pixel rgb(142, 41, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 41, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 41, 0);  
box-shadow:4px 4px 4px 4px rgb(142, 41, 0)  
}
```


Background

The CSS property to change the background color of an element to XYZ 11.9483, 7.3367, 0.7864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 41, 0) }
```

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

```
.background{ background-color: rgb(142, 41,  
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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