

Converting Colors

XYZ(11.8767, 9.6807, 1.2426)

Have a look what the booklet for
XYZ(11.8767, 9.6807, 1.2426)
contains.

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Color

**XYZ(11.8983, 9.6706,
1.2395)**

Conversions

Conversions Part 1

Format	Color
Hex	844900
RGB	132, 73, 0
RGB Percent	52%, 29%, 0%
CMY	0.4824, 0.7137, 1.0000
CMYK	0.00, 0.45, 1.00, 0.48
HSL	33°, 100%, 26%
HSV	33°, 100%, 52%
XYZ	11.8983, 9.6706, 1.2395
YIQ	82.3190, 58.5970, -10.1950

Conversions

Conversions Part 2

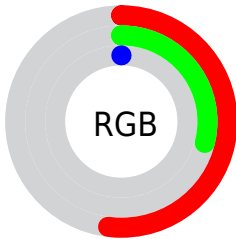
Format	Color
RYB	107, 132, 0
Decimal	8669440
CIELab	37.24, 20.62, 46.81
CIELCh	37, 51.150, 66.227
Yxy	9.6706, 0.5217, 0.4240
Android (android.graphics.Color)	4286859520 (0xFF844900)
YUV	82.3190, -40.5833, 43.5702
Hunter-Lab	31.0976, 13.8754, 19.4051

Details

The XYZ color **11.8983, 9.6706, 1.2395** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **5.7288, 4.7938, 22.4531**, and the grayscale version is **8.1554, 8.5801, 9.3438**.

A 20% lighter version of the original color is **28.8606, 25.1326, 6.8200**, and **3.3957, 2.3670, 0.2779** is the 20% darker color. If you saturate the color by 10%, you get **11.8984, 9.6709, 1.2396**, and if you desaturate by 10%, it is **12.3787, 10.5132, 1.7645**.

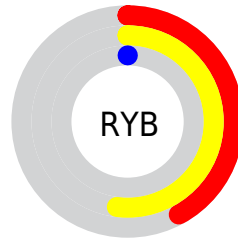
Distribution



Red (52%)

Green (29%)

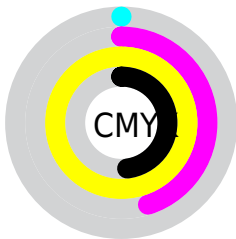
Blue (0%)



Red (42%)

Yellow (52%)

Blue (0%)

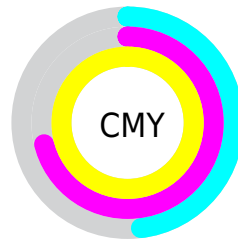


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (48%)



Cyan (48%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8983, 9.6706, 1.2395 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 11.8983, 9.6706, 1.2395 by changing the saturation by 10% instead.

■ 11.8983, 9.6706,
1.2395

■ 11.8983, 9.6706,
1.2395

■ 197.5145,
188.3047, 109.1501

■ 6.7462, 5.1811,
0.0114

■ 28.9282, 25.1741,
6.8319

■ 3.3488, 2.3539,
0.0000

■ 41.5367, 36.9568,
12.3127

■ 1.3408, 0.8020,
0.0000

■ 57.3614, 51.9395,
20.1413

■ 0.2134, 0.0000,
0.0000

■ 76.7675, 70.5064,
30.7362


■ 0.0000, 0.0000,
0.0000


■ 100.1206, 93.0420,
44.5160


■ 127.7859,


119.9306, 61.8992


 160.1287,
151.5567, 83.3044


 11.8983, 9.6706,
1.2395


 11.8983, 9.6706,
1.2395


 11.8984, 9.6709,
1.2396

 12.3787, 10.5132,
1.7645

 12.9397, 11.4480,
2.5287

 13.6077, 12.4875,
3.6654

 14.3919, 13.6369,
5.2181

 15.3001, 14.9007,
7.2244

■ 16.3395, 16.2832,
9.7177

■ 17.5166, 17.7882,
12.7280

■ 18.8374, 19.4194,
16.2831

■ 20.3075, 21.1804,
20.4086

Harmonies

Analogous

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



15.0940, 9.6706, 3.1770



11.8983, 9.6706, 1.2395



8.5410, 9.6706, 0.9345

Triad

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



11.8983, 9.6706, 1.2395



4.3358, 9.6706, 12.5564



13.3230, 9.6706, 32.0659

Complementary

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



11.8983, 9.6706, 1.2395



5.7288, 4.7938, 22.4531

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.



9.8745, 9.6706, 39.5077



11.8983, 9.6706, 1.2395



5.0719, 9.6706, 24.7327

Square

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



11.8983, 9.6706, 1.2395



4.6365, 9.6706, 4.9088



6.9301, 9.6706, 36.2464



16.0410, 9.6706, 19.3378

Rectangle

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



11.8983, 9.6706, 1.2395



6.7344, 9.6706, 1.3176



6.9301, 9.6706, 36.2464



12.1839, 9.6706, 35.5250

Sweetspot

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



11.8985, 9.6711, 1.2397



30.7083, 31.1488, 22.0345



10.3156, 5.2255, 4.6574



6.9700, 7.0246, 4.6646



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



11.8985, 9.6711, 1.2397



20.8082, 16.7337, 2.1332



16.7672, 20.8927, 3.1490



4.8702, 5.0839, 4.9540



11.5261, 9.3747, 1.2020



0.0472, 0.0471, 0.0066

Inverse Universe

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



5.7288, 4.7938, 22.4531



9.9458, 8.1534, 39.5027



4.2475, 1.7086, 21.9357



4.5931, 4.8618, 5.8971



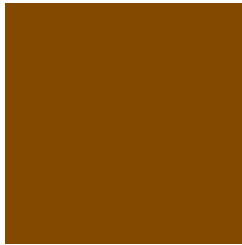
5.5520, 4.6519, 21.7420



0.0263, 0.0303, 0.0777

Previews

White Background



This preview shows how the XYZ color 11.8983, 9.6706, 1.2395 looks on a white background.

Color Contrast Check

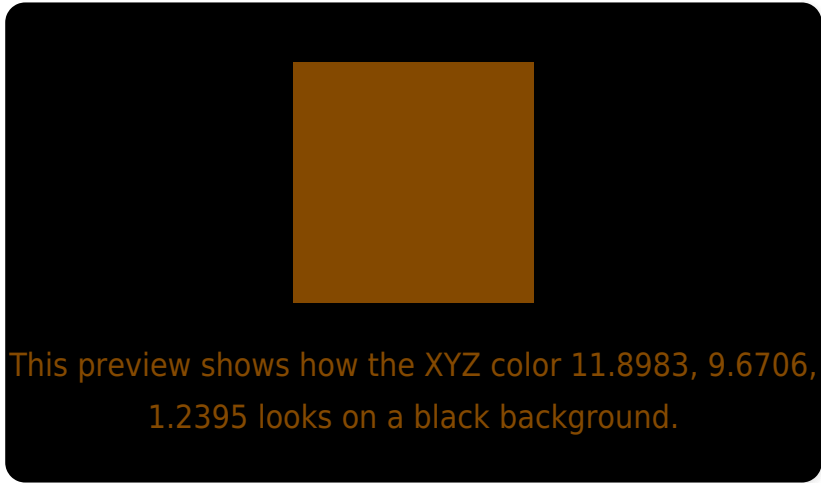
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.8983, 9.6706, 1.2395

Background



This preview shows how black text looks on a background with the XYZ color 11.8983, 9.6706, 1.2395.



This preview shows how white text looks on a background with the XYZ color 11.8983, 9.6706,

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

11.8983, 9.6706, 1.2395

Protanopia

8.8883, 9.8782, 1.7548

Deuteranopia

9.8524, 9.7854, 1.3695



Tritanopia

13.1012, 9.6836, 7.4819

Trichromacy



Original Color

11.8983, 9.6706, 1.2395

Protanomaly

9.8137, 9.6466, 1.5458

Deuteranomaly

10.4764, 9.6593, 1.3123

Tritanomaly

12.3562, 9.5641, 3.7796

Monochromacy



Original Color

11.8983, 9.6706, 1.2395

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

8.6713, 8.5492, 4.4419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8983, 9.6706, 1.2395 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(132, 73, 0)` looks like.

```
.text, #text, p{  
    color:rgb(132, 73, 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(132, 73, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 73, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.8983, 9.6706, 1.2395 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(132, 73, 0) }
```


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

```
.border{ border-color:rgb(132, 73, 0) }
```

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

Here you see how a box with a 4 pixel rgb(132, 73, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 73, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 73, 0);  
box-shadow:4px 4px 4px 4px rgb(132, 73, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.8983, 9.6706, 1.2395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 73, 0) }
```

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

```
.background{ background-color: rgb(132, 73,  
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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