

Converting Colors

XYZ(11.9303, 10.1946, 1.3390)

Have a look what the booklet for
XYZ(11.9303, 10.1946, 1.3390)
contains.

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Color

**XYZ(11.9303, 10.1946,
1.3390)**

Conversions

Conversions Part 1

Format	Color
Hex	824E00
RGB	130, 78, 0
RGB Percent	51%, 31%, 0%
CMY	0.4902, 0.6941, 1.0000
CMYK	0.00, 0.40, 1.00, 0.49
HSL	36°, 100%, 25%
HSV	36°, 100%, 51%
XYZ	11.9303, 10.1946, 1.3390
YIQ	84.6560, 56.0300, -13.2340

Conversions

Conversions Part 2

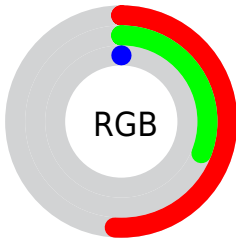
Format	Color
RYB	87, 130, 0
Decimal	8539648
CIELab	38.19, 16.77, 47.27
CIELCh	38, 50.153, 70.464
Yxy	10.1946, 0.5085, 0.4345
Android (android.graphics.Color)	4286729728 (0xFF824E00)
YUV	84.6560, -41.7354, 39.7667
Hunter-Lab	31.9290, 10.8210, 19.8639

Details

The XYZ color **11.9303, 10.1946, 1.3390** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.2573, 4.0677, 21.6269**, and the grayscale version is **8.6393, 9.0892, 9.8981**.

A 20% lighter version of the original color is **29.0180, 26.1459, 7.1317**, and **3.4455, 2.5836, 0.3171** is the 20% darker color. If you saturate the color by 10%, you get **11.9304, 10.1949, 1.3390**, and if you desaturate by 10%, it is **12.3874, 10.9926, 1.8498**.

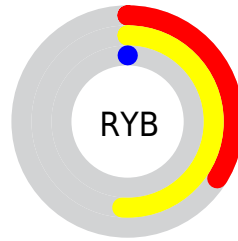
Distribution



Red (51%)

Green (31%)

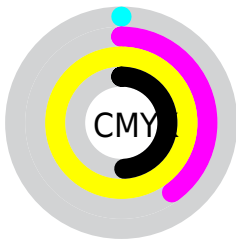
Blue (0%)



Red (34%)

Yellow (51%)

Blue (0%)

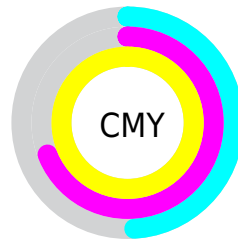


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (49%)



Cyan (49%)


Magenta (69%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 11.9303, 10.1946, 1.3390 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 11.9303, 10.1946, 1.3390 by changing the saturation by 10% instead.


 11.9303, 10.1946,
1.3390


 11.9303, 10.1946,
1.3390


 197.7227,
192.0554, 111.0803


 6.7681, 5.5282,
0.0934


 28.9861, 26.1609,
7.1389


 3.3625, 2.5604,
0.0000


 41.6103, 38.2295,
12.7662


 1.3483, 0.9068,
0.0000

 57.4526, 53.5344,
20.7697

 0.2189, 0.0000,
0.0000

 76.8784, 72.4598,
31.5680


 0.0000, 0.0000,
0.0000


 100.2529, 95.3902,
45.5797


 127.9416,


122.7100, 63.2233


 160.3097,
154.8036, 84.9173


 11.9303, 10.1946,
1.3390


 11.9303, 10.1946,
1.3390


 11.9304, 10.1949,
1.3390

 12.3874, 10.9926,
1.8498

 12.9153, 11.8662,
2.5873

 13.5396, 12.8273,
3.6821

 14.2689, 13.8801,
5.1764

 15.1107, 15.0286,
7.1061

■ 16.0714, 16.2764,
9.5031

■ 17.1571, 17.6267,
12.3965

■ 18.3734, 19.0827,
15.8128

■ 19.7255, 20.6473,
19.7766

Harmonies

Analogous

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



15.2564, 10.1946, 3.0714



11.9303, 10.1946, 1.3390



8.5997, 10.1946, 1.1682

Triad

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



11.9303, 10.1946, 1.3390



4.7566, 10.1946, 14.6736



14.3310, 10.1946, 31.0107

Complementary

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



11.9303, 10.1946, 1.3390



5.2573, 4.0677, 21.6269

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.



10.8681, 10.1946, 39.5905



11.9303, 10.1946, 1.3390



5.6744, 10.1946, 27.2117

Square

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



11.9303, 10.1946, 1.3390



4.9173, 10.1946, 6.1314



7.7487, 10.1946, 37.9068



16.8427, 10.1946, 18.2149

Rectangle

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



11.9303, 10.1946, 1.3390



6.8571, 10.1946, 1.7219



7.7487, 10.1946, 37.9068



13.2112, 10.1946, 34.7367

Sweetspot

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



11.9305, 10.1951, 1.3392



30.0775, 30.8740, 21.4544



9.8258, 4.9938, 3.6951



6.6516, 6.7957, 4.4335



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



11.9305, 10.1951, 1.3392



20.8644, 17.6619, 2.3094



15.3187, 19.7470, 3.0043



4.5255, 4.7397, 4.5965



11.4463, 9.7889, 1.2862



0.0000, 0.0000, 0.0000

Inverse Universe

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



5.2573, 4.0677, 21.6269



9.1219, 6.8904, 38.0417



4.1953, 1.6974, 21.2254



4.2390, 4.4721, 5.4531



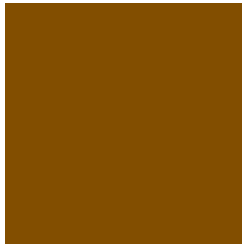
5.0472, 3.9128, 20.7392



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.9303, 10.1946, 1.3390 looks on a white background.

Color Contrast Check

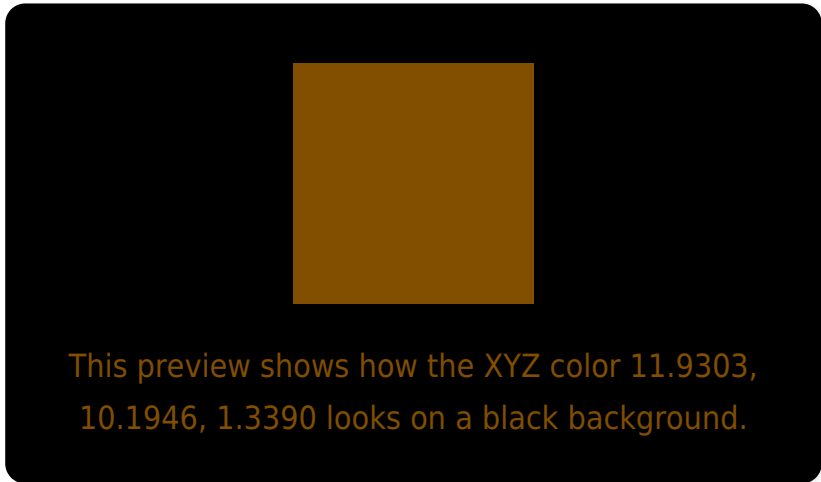
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 11.9303, 10.1946, 1.3390

Background



This preview shows how black text looks on a background with the XYZ color 11.9303, 10.1946, 1.3390.



This preview shows how white text looks on a background with the XYZ color 11.9303, 10.1946,

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

11.9303, 10.1946, 1.3390

Protanopia

9.2754, 10.3289, 1.7920

Deuteranopia

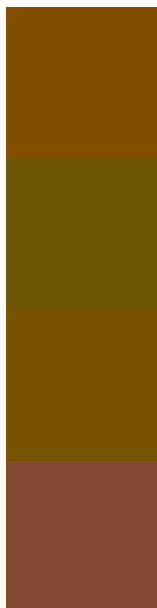
10.2672, 10.2330, 1.4340



Tritanopia

13.4306, 10.3017, 8.4883

Trichromacy



Original Color

11.9303, 10.1946, 1.3390

Protanomaly

10.0428, 10.1135, 1.5951

Deuteranomaly

10.8390, 10.1796, 1.3936

Tritanomaly

12.6075, 10.1680, 4.3157

Monochromacy



Original Color

11.9303, 10.1946, 1.3390

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

9.0500, 9.0676, 4.7633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9303, 10.1946, 1.3390 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(130, 78, 0)` looks like.

```
.text, #text, p{  
    color:rgb(130, 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(130, 78, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 78, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.9303, 10.1946, 1.3390 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(130, 78, 0) }
```


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

```
.border{ border-color:rgb(130, 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(130, 78, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 78, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 78, 0);  
box-shadow:4px 4px 4px 4px rgb(130, 78, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.9303, 10.1946, 1.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 78, 0) }
```

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

```
.background{ background-color: rgb(130, 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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