

Converting Colors

XYZ(14.9878, 9.8887, 0.8328)

Have a look what the booklet for
XYZ(14.9878, 9.8887, 0.8328)
contains.

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Color

**XYZ(14.9807, 9.8948,
1.1203)**

Conversions

Conversions Part 1

Format	Color
Hex	9B3900
RGB	155, 57, 0
RGB Percent	61%, 22%, 0%
CMY	0.3922, 0.7764, 1.0000
CMYK	0.00, 0.63, 1.00, 0.39
HSL	22°, 100%, 30%
HSV	22°, 100%, 61%
XYZ	14.9807, 9.8948, 1.1203
YIQ	79.8040, 76.7050, 3.0490

Conversions

Conversions Part 2

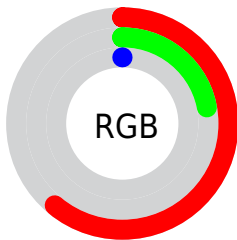
Format	Color
RYB	155, 90, 0
Decimal	10172672
CIELab	37.65, 38.82, 49.01
CIELCh	38, 62.520, 51.613
Yxy	9.8948, 0.5763, 0.3806
Android (android.graphics.Color)	4288362752 (0xFF9B3900)
YUV	79.8040, -39.3434, 65.9469
Hunter-Lab	31.4560, 29.9614, 19.9076

Details

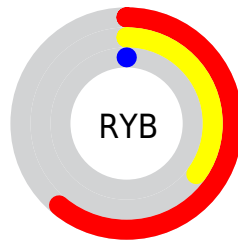
The XYZ color **14.9807, 9.8948, 1.1203** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **10.2836, 11.1010, 32.6108**, and the grayscale version is **7.6509, 8.0494, 8.7658**.

A 20% lighter version of the original color is **34.3241, 25.5811, 6.4967**, and **4.7193, 2.4329, 0.2209** is the 20% darker color. If you saturate the color by 10%, you get **14.9809, 9.8953, 1.1204**, and if you desaturate by 10%, it is **15.6029, 10.9957, 1.7709**.

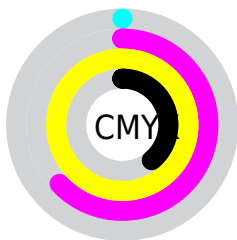
Distribution



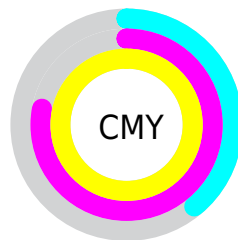
- Red (61%)
- Green (22%)
- Blue (0%)



- Red (61%)
- Yellow (35%)
- Blue (0%)



- Cyan (0%)
- Magenta (63%)
- Yellow (100%)
- Black (39%)




- Cyan (39%)
- Magenta (78%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.9807, 9.8948, 1.1203 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 14.9807, 9.8948, 1.1203 by changing the saturation by 10% instead.


 14.9807, 9.8948,
1.1203


 14.9807, 9.8948,
1.1203


 216.6401,
189.9196, 106.7289


 8.8921, 5.3293,
0.0000

 34.3913, 25.5974,
6.4545


 4.7274, 2.4417,
0.0000

 48.4439, 37.5033,
11.7519


 2.1213, 0.8472,
0.0000

 65.8819, 52.6248,
19.3610

 0.7008, 0.0000,
0.0000

 87.0706, 71.3462,
29.7001


 0.0000, 0.0000,
0.0000


 112.3755, 94.0520,
43.1879


 142.1618,


121.1266, 60.2430


 176.7948,
152.9543, 81.2838


 14.9807, 9.8948,
1.1203


 14.9807, 9.8948,
1.1203


 14.9809, 9.8953,
1.1204

 15.6029, 10.9957,
1.7709

 16.3911, 12.3201,
2.8105

 17.3807, 13.8901,
4.4019

 18.5885, 15.7193,
6.6120

 20.0292, 17.8202,
9.4983

■ 21.7160, 20.2042,
13.1114

■ 23.6611, 22.8821,
17.4972

■ 25.8757, 25.8640,
22.6976

■ 28.3705, 29.1596,
28.7515

Harmonies

Analogous

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



18.4274, 9.8948, 4.5644



14.9807, 9.8948, 1.1203



10.5617, 9.8948, 0.2145

Triad

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



14.9807, 9.8948, 1.1203



3.6971, 9.8948, 7.8914



12.5032, 9.8948, 46.5155

Complementary

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



14.9807, 9.8948, 1.1203



10.2836, 11.1010, 32.6108

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.



8.3355, 9.8948, 50.0544



14.9807, 9.8948, 1.1203



3.9465, 9.8948, 20.9891

Square

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



14.9807, 9.8948, 1.1203



4.6035, 9.8948, 2.1055



5.4189, 9.8948, 38.5686



16.7397, 9.8948, 30.8276

Rectangle

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



14.9807, 9.8948, 1.1203



7.9513, 9.8948, 0.2572



5.4189, 9.8948, 38.5686



11.0252, 9.8948, 49.4621

Sweetspot

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



14.9809, 9.8954, 1.1205



42.1575, 40.6838, 30.8360



15.7300, 7.8535, 12.2835



9.2222, 8.7706, 6.2505



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



14.9809, 9.8954, 1.1205



26.6633, 17.3894, 1.9512



22.0887, 24.1109, 3.4897



6.3856, 6.5762, 6.5386



12.0668, 8.0159, 0.9112



0.2132, 0.1855, 0.0246

Inverse Universe

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



10.2836, 11.1010, 32.6108



18.2318, 19.5105, 58.3413



6.1785, 2.8908, 31.2425



6.1935, 6.6443, 7.8850



8.2970, 8.9907, 26.2058



0.1585, 0.2034, 0.4033

Previews

White Background



This preview shows how the XYZ color 14.9807, 9.8948, 1.1203 looks on a white background.

Color Contrast Check

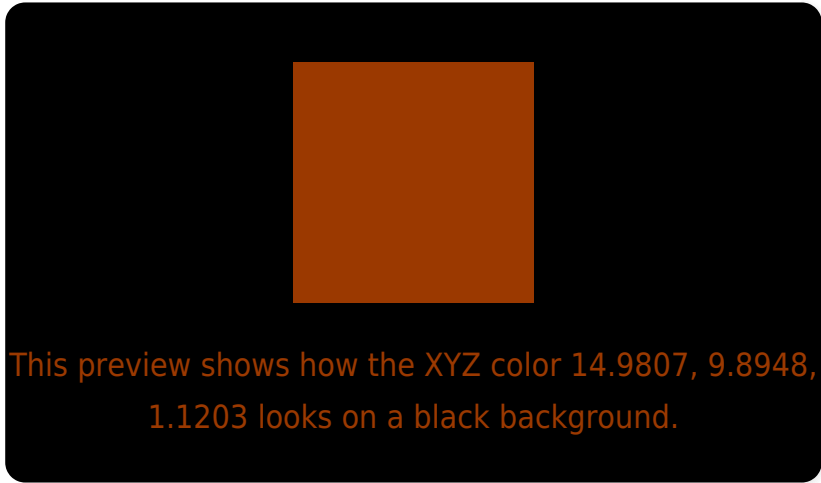
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9807, 9.8948, 1.1203

Background



This preview shows how black text looks on a background with the XYZ color 14.9807, 9.8948, 1.1203.



This preview shows how white text looks on a background with the XYZ color 14.9807, 9.8948,

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

14.9807, 9.8948, 1.1203

Protanopia

9.1165, 10.1164, 1.9624

Deuteranopia

10.0586, 10.0077, 1.4015



Tritanopia

15.6972, 9.8996, 4.8249

Trichromacy



Original Color

14.9807, 9.8948, 1.1203

Protanomaly

10.6643, 9.5356, 1.5657

Deuteranomaly

11.4182, 9.6213, 1.2553

Tritanomaly

15.3479, 9.8336, 2.7582

Monochromacy



Original Color

14.9807, 9.8948, 1.1203

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

8.9783, 7.9995, 4.2028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9807, 9.8948, 1.1203 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(155, 57, 0)` looks like.

```
.text, #text, p{  
    color:rgb(155, 57, 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(155, 57, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 57, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.9807, 9.8948, 1.1203 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(155, 57, 0) }
```


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

```
.border{ border-color:rgb(155, 57, 0) }
```

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

Here you see how a box with a 4 pixel rgb(155, 57, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 57, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 57, 0);  
box-shadow:4px 4px 4px 4px rgb(155, 57, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.9807, 9.8948, 1.1203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 57, 0) }
```

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

```
.background{ background-color: rgb(155, 57,  
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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