

Converting Colors

XYZ(14.9023, 14.1338, 1.9427)

Have a look what the booklet for
XYZ(14.9023, 14.1338, 1.9427)
contains.

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Color

**XYZ(14.8489, 14.1386,
1.9464)**

Conversions

Conversions Part 1

Format	Color
Hex	8A6200
RGB	138, 98, 0
RGB Percent	54%, 38%, 0%
CMY	0.4588, 0.6157, 1.0000
CMYK	0.00, 0.29, 1.00, 0.46
HSL	43°, 100%, 27%
HSV	43°, 100%, 54%
XYZ	14.8489, 14.1386, 1.9464
YIQ	98.7880, 55.2980, -21.9980

Conversions

Conversions Part 2

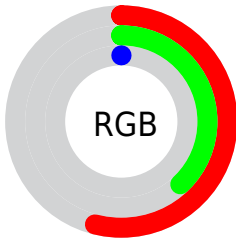
Format	Color
RYB	56, 138, 0
Decimal	9069056
CIELab	44.43, 8.81, 51.90
CIELCh	44, 52.640, 80.363
Yxy	14.1386, 0.4800, 0.4571
Android (android.graphics.Color)	4287259136 (0xFF8A6200)
YUV	98.7880, -48.7025, 34.3889
Hunter-Lab	37.6013, 4.6880, 23.2518

Details

The XYZ color **14.8489, 14.1386, 1.9464** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.3463, 3.3526, 24.4099**, and the grayscale version is **11.9157, 12.5362, 13.6520**.

A 20% lighter version of the original color is **34.1705, 33.2418, 8.8903**, and **4.7953, 4.2950, 0.5763** is the 20% darker color. If you saturate the color by 10%, you get **14.8490, 14.1390, 1.9465**, and if you desaturate by 10%, it is **15.3108, 14.9378, 2.4849**.

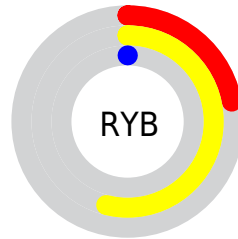
Distribution



Red (54%)

Green (38%)

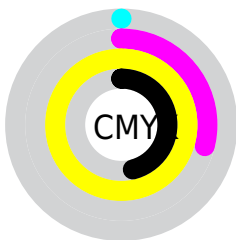
Blue (0%)



Red (22%)

Yellow (54%)

Blue (0%)

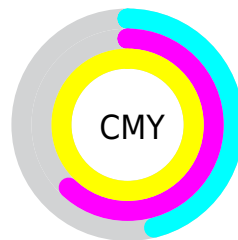


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (46%)



Cyan (46%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8489, 14.1386, 1.9464 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 14.8489, 14.1386, 1.9464 by changing the saturation by 10% instead.

14.8489, 14.1386,
1.9464

14.8489, 14.1386,
1.9464

215.8564,
218.0914, 121.5388

8.7990, 8.2171,
0.5220

34.1617, 33.3348,
8.8937

4.6664, 4.2342,
0.0000

48.1554, 47.3782,
15.3179

2.0856, 1.8054,
0.0000

65.5277, 64.8978,
24.2672

0.6814, 0.4905,
0.0000


86.6440, 86.2779,
36.1602


0.0000, 0.0000,
0.0000


111.8697,
111.9029, 51.4152


141.5701,


142.1572, 70.4510


 176.1105,
177.4253, 93.6860


 14.8489, 14.1386,
1.9464


 14.8489, 14.1386,
1.9464


 14.8490, 14.1390,
1.9465

 15.3108, 14.9378,
2.4849

 15.8404, 15.7939,
3.2876

 16.4647, 16.7187,
4.4943

 17.1933, 17.7163,
6.1536

 18.0342, 18.7904,
8.3074

■ 18.9947, 19.9443,
10.9927

■ 20.0815, 21.1811,
14.2428

■ 21.3006, 22.5035,
18.0886

■ 22.6575, 23.9142,
22.5584

Harmonies

Analogous

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



19.3345, 14.1386, 3.5102



14.8489, 14.1386, 1.9464



10.7981, 14.1386, 2.2448

Triad

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



14.8489, 14.1386, 1.9464



7.1559, 14.1386, 25.0246



20.7396, 14.1386, 35.5919

Complementary

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



14.8489, 14.1386, 1.9464



5.3463, 3.3526, 24.4099

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.



16.4773, 14.1386, 49.2665



14.8489, 14.1386, 1.9464



8.8822, 14.1386, 41.2612

Square

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



14.8489, 14.1386, 1.9464



6.9001, 14.1386, 11.8094



12.1200, 14.1386, 51.7588



23.1772, 14.1386, 19.6404

Rectangle

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



14.8489, 14.1386, 1.9464



8.8224, 14.1386, 3.5816



12.1200, 14.1386, 51.7588



19.4354, 14.1386, 40.8958

Sweetspot

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



14.8492, 14.1393, 1.9467



35.2670, 37.1907, 24.7050



10.8885, 5.5663, 2.6354



7.7495, 8.1610, 5.0534



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.8492, 14.1393, 1.9467



26.0340, 24.6422, 3.3843



15.5688, 21.5176, 3.3329



5.3107, 5.6042, 5.3542



13.6275, 12.9893, 1.7889



0.1032, 0.1115, 0.0161

Inverse Universe

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



5.3463, 3.3526, 24.4099



9.3024, 5.6669, 42.9867



5.0556, 2.0764, 24.1789



4.8851, 5.1132, 6.3353



4.9131, 3.0964, 22.3844



0.0440, 0.0433, 0.1525

Previews

White Background



This preview shows how the XYZ color 14.8489, 14.1386, 1.9464 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



This preview shows how the XYZ color 14.8489, 14.1386, 1.9464 looks on a 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 14.8489, 14.1386, 1.9464

Background



This preview shows how black text looks on a background with the XYZ color 14.8489, 14.1386, 1.9464.



This preview shows how white text looks on a background with the XYZ color 14.8489, 14.1386, 1.9464.

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

14.8489, 14.1386, 1.9464

Protanopia

12.8056, 14.2475, 2.3049

Deuteranopia

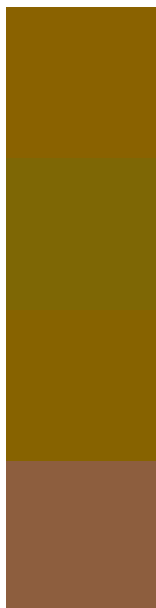
14.2300, 14.1009, 1.9717



Tritanopia

17.1010, 14.1148, 13.3784

Trichromacy



Original Color

14.8489, 14.1386, 1.9464

Protanomaly

13.4818, 14.1471, 2.1637

Deuteranomaly

14.4535, 14.0746, 1.9549

Tritanomaly

15.8567, 14.0159, 6.4270

Monochromacy



Original Color

14.8489, 14.1386, 1.9464

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.1691, 12.7933, 6.5306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8489, 14.1386, 1.9464 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(138, 98, 0)` looks like.

```
.text, #text, p{  
    color:rgb(138, 98, 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(138, 98, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 98, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.8489, 14.1386, 1.9464 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(138, 98, 0) }
```


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

```
.border{ border-color:rgb(138, 98, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 98, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 98, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 98, 0);  
box-shadow:4px 4px 4px 4px rgb(138, 98, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.8489, 14.1386, 1.9464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 98, 0) }
```

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

```
.background{ background-color: rgb(138, 98,  
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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