

Converting Colors

XYZ(14.2740, 12.6433, 1.1306)

Have a look what the booklet for
XYZ(14.2740, 12.6433, 1.1306)
contains.

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Color

**XYZ(14.3876, 12.7202,
1.6969)**

Conversions

Conversions Part 1

Format	Color
Hex	8C5900
RGB	140, 89, 0
RGB Percent	55%, 35%, 0%
CMY	0.4510, 0.6510, 1.0000
CMYK	0.00, 0.36, 1.00, 0.45
HSL	38°, 100%, 27%
HSV	38°, 100%, 55%
XYZ	14.3876, 12.7202, 1.6969
YIQ	94.1030, 58.9650, -16.8670

Conversions

Conversions Part 2

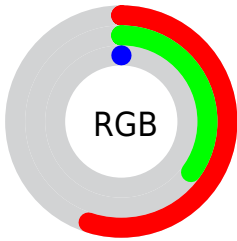
Format	Color
RYB	80, 140, 0
Decimal	9197824
CIELab	42.34, 15.01, 50.63
CIELCh	42, 52.806, 73.482
Yxy	12.7202, 0.4995, 0.4416
Android (android.graphics.Color)	4287387904 (0xFF8C5900)
YUV	94.1030, -46.3928, 40.2517
Hunter-Lab	35.6654, 9.5934, 22.1449

Details

The XYZ color **14.3876, 12.7202, 1.6969** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.9174, 4.2610, 25.3213**, and the grayscale version is **10.7607, 11.3211, 12.3287**.

A 20% lighter version of the original color is **33.2850, 30.7765, 8.1891**, and **4.5200, 3.6126, 0.4591** is the 20% darker color. If you saturate the color by 10%, you get **14.3878, 12.7207, 1.6970**, and if you desaturate by 10%, it is **14.9064, 13.6310, 2.2610**.

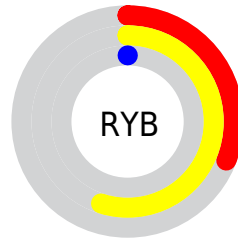
Distribution



Red (55%)

Green (35%)

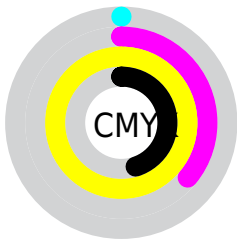
Blue (0%)



Red (31%)

Yellow (55%)

Blue (0%)

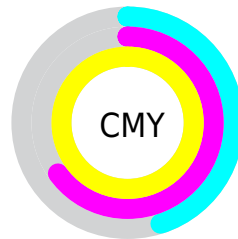


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (45%)



Cyan (45%)


Magenta (65%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.3876, 12.7202, 1.6969 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 14.3876, 12.7202, 1.6969 by changing the saturation by 10% instead.


 14.3876, 12.7202,
1.6969


 14.3876, 12.7202,
1.6969


 213.0917,
209.1166, 117.4771


 8.4742, 7.2362,
0.3586


 33.3558, 30.8002,
8.1943


 4.4542, 3.6102,
0.0000

 47.1413, 44.1649,
14.3084


 1.9622, 1.4580,
0.0000

 64.2815, 60.9254,
22.8908

 0.6126, 0.2589,
0.0000

 85.1419, 81.4659,
34.3601


 0.0000, 0.0000,
0.0000


 110.0877,
106.1708, 49.1349


 139.4844,


135.4247, 67.6336


 173.6973,
169.6118, 90.2748


 14.3876, 12.7202,
1.6969


 14.3876, 12.7202,
1.6969


 14.3878, 12.7207,
1.6970

 14.9064, 13.6310,
2.2610

 15.5059, 14.6215,
3.1038

 16.2140, 15.7044,
4.3674

 17.0407, 16.8844,
6.1026

 17.9949, 18.1659,
8.3528

■ 19.0842, 19.5530,
11.1563

■ 20.3158, 21.0491,
14.5481

■ 21.6962, 22.6578,
18.5599

■ 23.2314, 24.3822,
23.2214

Harmonies

Analogous

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



18.5017, 12.7202, 3.6092



14.3876, 12.7202, 1.6969



10.3999, 12.7202, 1.6242

Triad

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



14.3876, 12.7202, 1.6969



6.0929, 12.7202, 19.5837



18.1254, 12.7202, 36.4730

Complementary

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



14.3876, 12.7202, 1.6969



5.9174, 4.2610, 25.3213

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.



13.9543, 12.7202, 47.7355



14.3876, 12.7202, 1.6969



7.3629, 12.7202, 34.9367

Square

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



14.3876, 12.7202, 1.6969



6.1593, 12.7202, 8.5278



10.0513, 12.7202, 47.0563



20.9615, 12.7202, 21.0239

Rectangle

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



14.3876, 12.7202, 1.6969



8.3562, 12.7202, 2.4601



10.0513, 12.7202, 47.0563



16.7978, 12.7202, 41.1737

Sweetspot

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



14.3879, 12.7209, 1.6971



35.6725, 36.9377, 25.2378



11.4201, 5.8175, 3.6918



8.0279, 8.2807, 5.2793



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.



14.3879, 12.7209, 1.6971



25.2100, 22.1142, 2.9398



17.3100, 22.8451, 3.4973



5.2804, 5.5437, 5.3441



12.8034, 11.3412, 1.5143



0.0990, 0.1033, 0.0147

Inverse Universe

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



5.9174, 4.2610, 25.3213



10.2909, 7.2288, 44.5959



4.9958, 2.0286, 24.9390



4.9141, 5.1712, 6.3450



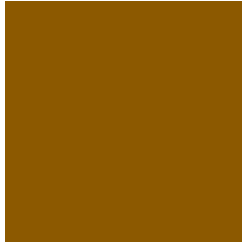
5.2754, 3.8210, 22.5052



0.0481, 0.0515, 0.1539

Previews

White Background



This preview shows how the XYZ color 14.3876, 12.7202, 1.6969 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 14.3876, 12.7202, 1.6969 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 14.3876, 12.7202, 1.6969

Background



This preview shows how black text looks on a background with the XYZ color 14.3876, 12.7202, 1.6969.



This preview shows how white text looks on a background with the XYZ color 14.3876, 12.7202,

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

14.3876, 12.7202, 1.6969

Protanopia

11.5185, 12.8400, 2.1584

Deuteranopia

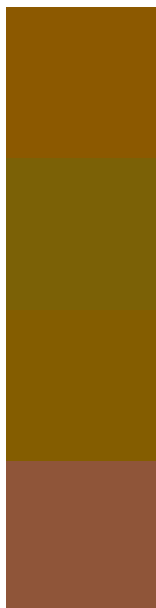
12.8446, 12.6964, 1.7737



Tritanopia

16.3980, 12.8371, 11.0647

Trichromacy



Original Color

14.3876, 12.7202, 1.6969

Protanomaly

12.4759, 12.7735, 1.9803

Deuteranomaly

13.4301, 12.7342, 1.7501

Tritanomaly

15.3147, 12.6320, 5.5019

Monochromacy



Original Color

14.3876, 12.7202, 1.6969

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.1983, 11.3600, 5.8775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3876, 12.7202, 1.6969 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(140, 89, 0)` looks like.

```
.text, #text, p{  
    color:rgb(140, 89, 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(140, 89, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 89, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.3876, 12.7202, 1.6969 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(140, 89, 0) }
```


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

```
.border{ border-color:rgb(140, 89, 0) }
```

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

Here you see how a box with a 4 pixel rgb(140, 89, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 89, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 89, 0);  
box-shadow:4px 4px 4px 4px rgb(140, 89, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.3876, 12.7202, 1.6969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 89, 0) }
```

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

```
.background{ background-color: rgb(140, 89,  
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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