

Converting Colors

XYZ(14.0714, 12.4681, 2.1205)

Have a look what the booklet for
XYZ(14.0714, 12.4681, 2.1205)
contains.

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Color

**XYZ(14.0572, 12.4172,
2.1078)**

Conversions

Conversions Part 1

Format	Color
Hex	8A580F
RGB	138, 88, 15
RGB Percent	54%, 35%, 6%
CMY	0.4588, 0.6549, 0.9412
CMYK	0.00, 0.36, 0.89, 0.46
HSL	36°, 80%, 30%
HSV	36°, 89%, 54%
XYZ	14.0572, 12.4172, 2.1078
YIQ	94.6280, 53.2330, -12.1030

Conversions

Conversions Part 2

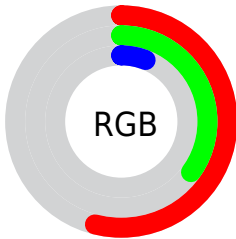
Format	Color
R_{YB}	99, 138, 15
Decimal	9066511
CIE Lab	41.87, 14.97, 46.08
CIE LCh	42, 48.448, 72.001
Yxy	12.4172, 0.4918, 0.4344
Android (android.graphics.Color)	4287256591 (0xFF8A580F)
YUV	94.6280, -39.2566, 38.0372
Hunter-Lab	35.2380, 9.5408, 21.1201

Details

The XYZ color **14.0572, 12.4172, 2.1078** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.6747, 5.7170, 24.7963**, and the grayscale version is **10.8705, 11.4366, 12.4545**.

A 20% lighter version of the original color is **32.8368, 30.3061, 9.2732**, and **4.3952, 3.4949, 0.4429** is the 20% darker color. If you saturate the color by 10%, you get **13.5349, 11.5001, 1.5409**, and if you desaturate by 10%, it is **14.6689, 13.4278, 2.9684**.

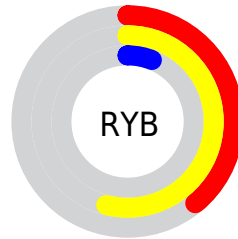
Distribution



Red (54%)

Green (35%)

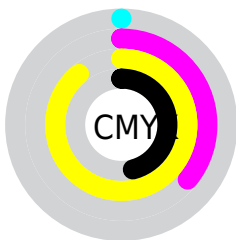
Blue (6%)



Red (39%)

Yellow (54%)

Blue (6%)

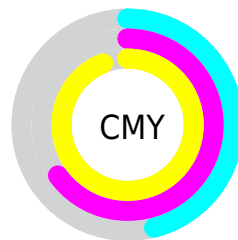


Cyan (0%)

Magenta (36%)

Yellow (89%)

Black (46%)



Cyan (46%)

Magenta (65%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0572, 12.4172, 2.1078 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 14.0572, 12.4172, 2.1078 by changing the saturation by 10% instead.

■ 14.0572, 12.4172,
2.1078

■ 14.0572, 12.4172,
2.1078

211.0899,
207.1480, 124.0289

■ 8.2424, 7.0285,
0.6204

■ 32.7759, 30.2527,
9.3335

■ 4.3036, 3.4799,
0.0000

■ 46.4105, 43.4683,
15.9481

■ 1.8753, 1.3871,
0.0000

■ 63.3825, 60.0616,
25.1220

■ 0.5624, 0.2072,
0.0000


■ 84.0572, 80.4170,
37.2736


■ 0.0000, 0.0000,
0.0000


■ 108.7999,
104.9190, 52.8216


■ 137.9760,


133.9519, 72.1844


 171.9509,
167.9001, 95.7807


 14.0572, 12.4172,
2.1078


 14.0572, 12.4172,
2.1078


 13.5349, 11.5001,
1.5409


 14.6689, 13.4278,
2.9684

 13.4913, 11.4236,
1.4939

 15.3930, 14.5407,
4.2429

 16.2394, 15.7617,
5.9797

 17.2168, 17.0954,
8.2203

 18.3328, 18.5460,
11.0016

■ 19.5944, 20.1172,
14.3568

■ 21.0080, 21.8128,
18.3167

■ 22.5797, 23.6363,
22.9095

■ 24.3150, 25.5908,
28.1619

Harmonies

Analogous

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



17.6856, 12.4172, 4.1598



14.0572, 12.4172, 2.1078



10.4293, 12.4172, 1.9570

Triad

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



14.0572, 12.4172, 2.1078



6.2727, 12.4172, 18.0425



17.0276, 12.4172, 34.0722

Complementary

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



14.0572, 12.4172, 2.1078



6.6747, 5.7170, 24.7963

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.



13.2905, 12.4172, 43.3821



14.0572, 12.4172, 2.1078



7.3939, 12.4172, 31.4441

Square

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



14.0572, 12.4172, 2.1078



6.3957, 12.4172, 8.3020



9.8022, 12.4172, 42.2321



19.6249, 12.4172, 20.5647

Rectangle

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



14.0572, 12.4172, 2.1078



8.5202, 12.4172, 2.7518



9.8022, 12.4172, 42.2321



15.8343, 12.4172, 38.0432

Sweetspot

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



14.0575, 12.4178, 2.1080



34.9074, 35.9093, 26.3180



11.6429, 6.1413, 5.7650



7.6768, 7.8677, 5.4852



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.



14.0575, 12.4178, 2.1080



23.6232, 19.8206, 2.5807



18.0392, 22.7812, 3.8985



5.2634, 5.5096, 5.3384



12.3843, 10.5029, 1.3745



0.0967, 0.0986, 0.0139

Inverse Universe

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



6.6747, 5.7170, 24.7963



10.4397, 7.9415, 43.3658



5.1655, 2.3866, 24.2331



4.9307, 5.2043, 6.3505



5.5205, 4.3114, 22.5869



0.0504, 0.0562, 0.1546

Previews

White Background



This preview shows how the XYZ color 14.0572, 12.4172, 2.1078 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 14.0572, 12.4172, 2.1078 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 14.0572, 12.4172, 2.1078

Background



This preview shows how black text looks on a background with the XYZ color 14.0572, 12.4172, 2.1078.



This preview shows how white text looks on a background with the XYZ color 14.0572, 12.4172,

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

14.0572, 12.4172, 2.1078

Protanopia

11.3484, 12.6028, 2.4067

Deuteranopia

12.6562, 12.4608, 1.9966



Tritanopia

15.7633, 12.4019, 10.7955

Trichromacy



Original Color

14.0572, 12.4172, 2.1078

Protanomaly

12.1692, 12.4712, 2.2961

Deuteranomaly

13.0935, 12.4243, 2.0246

Tritanomaly

14.8278, 12.2530, 5.9984

Monochromacy



Original Color

14.0572, 12.4172, 2.1078

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.3661, 11.4271, 6.7609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0572, 12.4172, 2.1078 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, 88, 15)` looks like.

```
.text, #text, p{  
    color:rgb(138, 88, 15)  
}
```

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, 88, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 88, 15) }
```

Border

The CSS property to change the border of an element to XYZ 14.0572, 12.4172, 2.1078 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, 88, 15) }
```


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

```
.border{ border-color:rgb(138, 88, 15) }
```

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

Here you see how a box with a 4 pixel rgb(138, 88, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 88, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 88, 15);  
box-shadow:4px 4px 4px 4px rgb(138, 88,  
15) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0572, 12.4172, 2.1078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 88, 15) }
```

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

```
.background{ background-color: rgb(138, 88,  
15) }
```

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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