

Converting Colors

XYZ(14.6075, 11.4351, 0.1536)

Have a look what the booklet for
XYZ(14.6075, 11.4351, 0.1536)
contains.

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Color

**XYZ(14.7972, 11.4648,
1.4330)**

Conversions

Conversions Part 1

Format	Color
Hex	944C00
RGB	148, 76, 0
RGB Percent	58%, 30%, 0%
CMY	0.4196, 0.7019, 1.0000
CMYK	0.00, 0.49, 1.00, 0.42
HSL	31°, 100%, 29%
HSV	31°, 100%, 58%
XYZ	14.7972, 11.4648, 1.4330
YIQ	88.8640, 67.3080, -8.3720

Conversions

Conversions Part 2

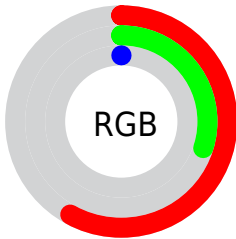
Format	Color
R_{YB}	140, 148, 0
Decimal	9718784
CIE Lab	40.35, 26.08, 49.94
CIE LCh	40, 56.339, 62.426
Yxy	11.4648, 0.5343, 0.4140
Android (android.graphics.Color)	4287908864 (0xFF944C00)
YUV	88.8640, -43.8100, 51.8623
Hunter-Lab	33.8597, 18.7527, 21.1925

Details

The XYZ color **14.7972, 11.4648, 1.4330** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.6624, 6.7724, 28.9201**, and the grayscale version is **9.5492, 10.0465, 10.9407**.

A 20% lighter version of the original color is **34.1871, 28.6171, 7.4632**, and **4.6807, 3.1022, 0.3521** is the 20% darker color. If you saturate the color by 10%, you get **14.7974, 11.4653, 1.4331**, and if you desaturate by 10%, it is **15.4064, 12.5476, 2.0545**.

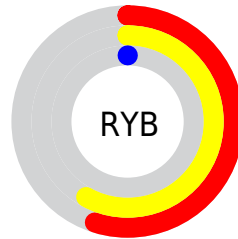
Distribution



Red (58%)

Green (30%)

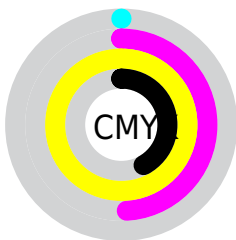
Blue (0%)



Red (55%)

Yellow (58%)

Blue (0%)

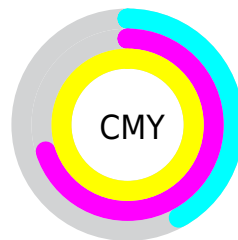


Cyan (0%)

Magenta (49%)

Yellow (100%)

Black (42%)



Cyan (42%)


Magenta (70%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7972, 11.4648, 1.4330 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 14.7972, 11.4648, 1.4330 by changing the saturation by 10% instead.


 14.7972, 11.4648,
1.4330


 14.7972, 11.4648,
1.4330


 215.5482,
200.8292, 112.8372


 8.7626, 6.3804,
0.1673


 34.0716, 28.5165,
7.4230


 4.6425, 3.0777,
0.0000

 48.0421, 41.2526,
13.1838


 2.0717, 1.1724,
0.0000

 65.3885, 57.3080,
21.3464

 0.6737, 0.0390,
0.0000


 86.4764, 77.0672,
32.3295


 0.0000, 0.0000,
0.0000


 111.6709,
100.9145, 46.5516


 141.3375,


129.2343, 64.4313


 175.8415,
162.4111, 86.3869


 14.7972, 11.4648,
1.4330


 14.7972, 11.4648,
1.4330


 14.7974, 11.4653,
1.4331

 15.4064, 12.5476,
2.0545

 16.1323, 13.7683,
3.0091

 17.0056, 15.1421,
4.4491

 18.0389, 16.6768,
6.4334

 19.2432, 18.3792,
9.0122

■ 20.6285, 20.2557,
12.2301

■ 22.2035, 22.3120,
16.1273

■ 23.9767, 24.5537,
20.7406

■ 25.9558, 26.9860,
26.1043

Harmonies

Analogous

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



18.6320, 11.4648, 4.0844



14.7972, 11.4648, 1.4330



10.5792, 11.4648, 0.9288

Triad

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



14.7972, 11.4648, 1.4330



4.9412, 11.4648, 13.4250



15.4893, 11.4648, 41.2485

Complementary

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



14.7972, 11.4648, 1.4330



7.6624, 6.7724, 28.9201

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.



11.2210, 11.4648, 49.1762



14.7972, 11.4648, 1.4330



5.6680, 11.4648, 28.1229

Square

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



14.7972, 11.4648, 1.4330



5.4629, 11.4648, 4.8878



7.7504, 11.4648, 43.3212



19.0947, 11.4648, 25.4749

Rectangle

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



14.7972, 11.4648, 1.4330



8.2527, 11.4648, 1.2470



7.7504, 11.4648, 43.3212



14.0530, 11.4648, 45.2385

Sweetspot

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



14.7975, 11.4654, 1.4332



39.0007, 39.1416, 28.0081



13.4487, 6.7903, 7.0806



8.6526, 8.6110, 5.7658



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.7975, 11.4654, 1.4332



25.9366, 19.8844, 2.4711



22.8025, 27.4755, 4.1015



6.0323, 6.2784, 6.1344



12.6668, 9.8480, 1.2332



0.1845, 0.1795, 0.0249

Inverse Universe

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



7.6624, 6.7724, 28.9201



13.3490, 11.6075, 50.9715



5.3453, 2.1382, 28.1478



5.7184, 6.0708, 7.3401



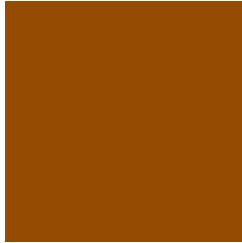
6.5720, 5.8389, 24.7117



0.1097, 0.1301, 0.3122

Previews

White Background



This preview shows how the XYZ color 14.7972, 11.4648, 1.4330 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 14.7972, 11.4648, 1.4330

Background



This preview shows how black text looks on a background with the XYZ color 14.7972, 11.4648, 1.4330.



This preview shows how white text looks on a background with the XYZ color 14.7972, 11.4648,

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

14.7972, 11.4648, 1.4330

Protanopia

10.4399, 11.5829, 2.0663

Deuteranopia

11.6262, 11.5471, 1.6160



Tritanopia

16.1354, 11.5123, 8.2091

Trichromacy



Original Color

14.7972, 11.4648, 1.4330

Protanomaly

11.7846, 11.3732, 1.8039

Deuteranomaly

12.6879, 11.4809, 1.5473

Tritanomaly

15.3105, 11.3680, 4.1836

Monochromacy



Original Color

14.7972, 11.4648, 1.4330

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

10.3393, 9.9511, 5.2467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7972, 11.4648, 1.4330 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(148, 76, 0)` looks like.

```
.text, #text, p{  
    color:rgb(148, 76, 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(148, 76, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 76, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.7972, 11.4648, 1.4330 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(148, 76, 0) }
```


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

```
.border{ border-color:rgb(148, 76, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 76, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 76, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 76, 0);  
box-shadow:4px 4px 4px 4px rgb(148, 76, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.7972, 11.4648, 1.4330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 76, 0) }
```

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

```
.background{ background-color: rgb(148, 76,  
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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