

Converting Colors

XYZ(14.5944, 11.3122, 0.3639)

Have a look what the booklet for
XYZ(14.5944, 11.3122, 0.3639)
contains.

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Color

**XYZ(14.7288, 11.3281,
1.4102)**

Conversions

Conversions Part 1

Format	Color
Hex	944B00
RGB	148, 75, 0
RGB Percent	58%, 29%, 0%
CMY	0.4196, 0.7059, 1.0000
CMYK	0.00, 0.49, 1.00, 0.42
HSL	30°, 100%, 29%
HSV	30°, 100%, 58%
XYZ	14.7288, 11.3281, 1.4102
YIQ	88.2770, 67.5830, -7.8490

Conversions

Conversions Part 2

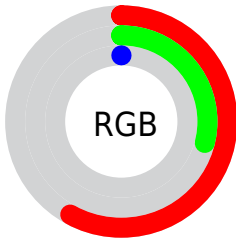
Format	Color
R_{YB}	144, 148, 0
Decimal	9718528
CIE Lab	40.13, 26.63, 49.80
CIE LCh	40, 56.478, 61.864
Yxy	11.3281, 0.5362, 0.4124
Android (android.graphics.Color)	4287908608 (0xFF944B00)
YUV	88.2770, -43.5206, 52.3771
Hunter-Lab	33.6572, 19.2135, 21.0759

Details

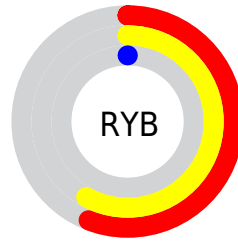
The XYZ color **14.7288, 11.3281, 1.4102** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **7.7275, 6.9026, 28.9417**, and the grayscale version is **9.4188, 9.9093, 10.7913**.

A 20% lighter version of the original color is **34.0598, 28.3627, 7.4208**, and **4.6558, 3.0524, 0.3438** is the 20% darker color. If you saturate the color by 10%, you get **14.7290, 11.3286, 1.4103**, and if you desaturate by 10%, it is **15.3377, 12.4104, 2.0316**.

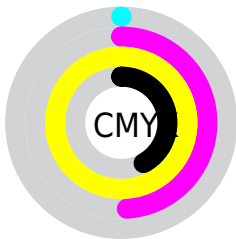
Distribution



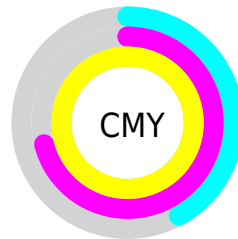
- Red (58%)
- Green (29%)
- Blue (0%)



- Red (56%)
- Yellow (58%)
- Blue (0%)



- Cyan (0%)
- Magenta (49%)
- Yellow (100%)
- Black (42%)





- Cyan (42%)
- Magenta (71%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7288, 11.3281, 1.4102 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 14.7288, 11.3281, 1.4102 by changing the saturation by 10% instead.


 14.7288, 11.3281,
1.4102


 14.7288, 11.3281,
1.4102


 215.1399,
199.9049, 112.4166


 8.7143, 6.2880,
0.1497


 33.9523, 28.2653,
7.3546


 4.6109, 3.0210,
0.0000

 47.8920, 40.9312,
13.0834


 2.0532, 1.1427,
0.0000

 65.2042, 56.9077,
21.2080

 0.6636, 0.0141,
0.0000

 86.2543, 76.5794,
32.1469


 0.0000, 0.0000,
0.0000


 111.4075,
100.3305, 46.3187


 141.0293,


128.5456, 64.1419


 175.4850,
161.6089, 86.0350


 14.7288, 11.3281,
1.4102


 14.7288, 11.3281,
1.4102


 14.7290, 11.3286,
1.4103

 15.3377, 12.4104,
2.0316

 16.0648, 13.6333,
2.9865

 16.9406, 15.0123,
4.4274

 17.9780, 16.5553,
6.4130

 19.1881, 18.2691,
8.9937

■ 20.5807, 20.1603,
12.2140

■ 22.1649, 22.2349,
16.1142

■ 23.9490, 24.4985,
20.7311

■ 25.9409, 26.9564,
26.0989

Harmonies

Analogous

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



18.5250, 11.3281, 4.0857



14.7288, 11.3281, 1.4102



10.5237, 11.3281, 0.8905

Triad

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



14.7288, 11.3281, 1.4102



4.8521, 11.3281, 13.0500



15.2584, 11.3281, 41.2692

Complementary

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



14.7288, 11.3281, 1.4102



7.7275, 6.9026, 28.9417

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.



11.0141, 11.3281, 48.9570



14.7288, 11.3281, 1.4102



5.5486, 11.3281, 27.6077

Square

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



14.7288, 11.3281, 1.4102



5.3925, 11.3281, 4.6961



7.5882, 11.3281, 42.8602



18.8793, 11.3281, 25.5783

Rectangle

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



14.7288, 11.3281, 1.4102



8.1960, 11.3281, 1.1878



7.5882, 11.3281, 42.8602



13.8263, 11.3281, 45.1926

Sweetspot

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



14.7290, 11.3287, 1.4104



38.9318, 39.0040, 27.9852



13.4487, 6.7903, 7.0804



8.6354, 8.5766, 5.7600



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.



14.7290, 11.3287, 1.4104



25.8165, 19.6441, 2.4310



22.8024, 27.4754, 4.1015



6.0292, 6.2721, 6.1333



12.6084, 9.7312, 1.2138



0.1838, 0.1780, 0.0247

Inverse Universe

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



7.7275, 6.9026, 28.9417



13.4633, 11.8361, 51.0096



5.3453, 2.1381, 28.1476



5.7215, 6.0770, 7.3412



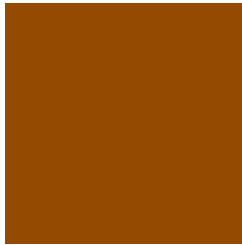
6.6277, 5.9502, 24.7302



0.1105, 0.1316, 0.3125

Previews

White Background



This preview shows how the XYZ color 14.7288, 11.3281, 1.4102 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 14.7288, 11.3281, 1.4102

Background



This preview shows how black text looks on a background with the XYZ color 14.7288, 11.3281, 1.4102.



This preview shows how white text looks on a background with the XYZ color 14.7288, 11.3281,

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

14.7288, 11.3281, 1.4102

Protanopia

10.3189, 11.5206, 2.0606

Deuteranopia

11.4019, 11.3054, 1.5812



Tritanopia

16.0378, 11.3723, 8.0064

Trichromacy



Original Color

14.7288, 11.3281, 1.4102

Protanomaly

11.5596, 11.1346, 1.7697

Deuteranomaly

12.4544, 11.2428, 1.5137

Tritanomaly

15.2453, 11.2377, 4.1619

Monochromacy



Original Color

14.7288, 11.3281, 1.4102

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

10.2375, 9.7870, 5.0909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7288, 11.3281, 1.4102 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, 75, 0)` looks like.

```
.text, #text, p{  
    color:rgb(148, 75, 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, 75, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 75, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.7288, 11.3281, 1.4102 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, 75, 0) }
```


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

```
.border{ border-color:rgb(148, 75, 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, 75, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 75, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 75, 0);  
box-shadow:4px 4px 4px 4px rgb(148, 75, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.7288, 11.3281, 1.4102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 75, 0) }
```

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

```
.background{ background-color: rgb(148, 75,  
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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