

Converting Colors

XYZ(14.4671, 10.8314, 1.3282)

Have a look what the booklet for
XYZ(14.4671, 10.8314, 1.3282)
contains.

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Color

**XYZ(14.4660, 10.8024,
1.3226)**

Conversions

Conversions Part 1

Format	Color
Hex	944700
RGB	148, 71, 0
RGB Percent	58%, 28%, 0%
CMY	0.4196, 0.7215, 1.0000
CMYK	0.00, 0.52, 1.00, 0.42
HSL	29°, 100%, 29%
HSV	29°, 100%, 58%
XYZ	14.4660, 10.8024, 1.3226
YIQ	85.9290, 68.6830, -5.7570

Conversions

Conversions Part 2

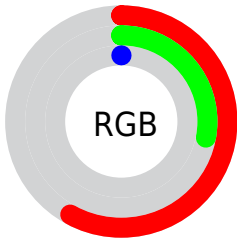
Format	Color
R_{YB}	148, 136, 0
Decimal	9717504
CIE Lab	39.25, 28.83, 49.28
CIE LCh	39, 57.090, 59.671
Yxy	10.8024, 0.5440, 0.4062
Android (android.graphics.Color)	4287907584 (0xFF944700)
YUV	85.9290, -42.3630, 54.4363
Hunter-Lab	32.8670, 21.0473, 20.6210

Details

The XYZ color **14.4660, 10.8024, 1.3226** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **7.9989, 7.4453, 29.0323**, and the grayscale version is **8.9076, 9.3715, 10.2055**.

A 20% lighter version of the original color is **33.5394, 27.3605, 7.1278**, and **4.5431, 2.8269, 0.3062** is the 20% darker color. If you saturate the color by 10%, you get **14.4662, 10.8029, 1.3227**, and if you desaturate by 10%, it is **15.0722, 11.8792, 1.9431**.

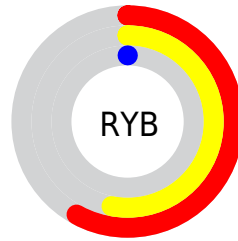
Distribution



Red (58%)

Green (28%)

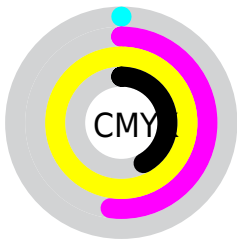
Blue (0%)



Red (58%)

Yellow (53%)

Blue (0%)

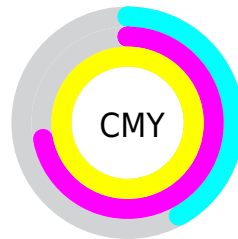


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (42%)



Cyan (42%)


Magenta (72%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.4660, 10.8024, 1.3226 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 14.4660, 10.8024, 1.3226 by changing the saturation by 10% instead.


 14.4660, 10.8024,
1.3226


 14.4660, 10.8024,
1.3226


 213.5640,
196.3068, 110.7674


 8.5293, 5.9341,
0.0802


 33.4930, 27.2942,
7.0888


 4.4901, 2.8051,
0.0000

 47.3141, 39.6865,
12.6923


 1.9830, 1.0308,
0.0000

 64.4940, 55.3556,
20.6674

 0.6244, 0.0000,
0.0000

 85.3982, 74.6859,
31.4328


 0.0000, 0.0000,
0.0000


 110.3919, 98.0617,
45.4070


 139.8405,


125.8676, 63.0084


 174.1094,
158.4878, 84.6557


 14.4660, 10.8024,
1.3226


 14.4660, 10.8024,
1.3226


 14.4662, 10.8029,
1.3227

 15.0722, 11.8792,
1.9431

 15.8021, 13.1079,
2.8990

 16.6868, 14.5046,
4.3428

 17.7394, 16.0778,
6.3335

 18.9712, 17.8352,
8.9215

■ 20.3924, 19.7836,
12.1514

■ 22.0123, 21.9297,
16.0635

■ 23.8396, 24.2795,
20.6948

■ 25.8823, 26.8391,
26.0796

Harmonies

Analogous

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



18.1131, 10.8024, 4.0918



14.4660, 10.8024, 1.3226



10.3098, 10.8024, 0.7394

Triad

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



14.4660, 10.8024, 1.3226



4.5117, 10.8024, 11.6409



14.3739, 10.8024, 41.3689

Complementary

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



14.4660, 10.8024, 1.3226



7.9989, 7.4453, 29.0323

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.



10.2250, 10.8024, 48.1184



14.4660, 10.8024, 1.3226



5.0948, 10.8024, 25.6444

Square

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



14.4660, 10.8024, 1.3226



5.1214, 10.8024, 3.9886



6.9716, 10.8024, 41.0886



18.0513, 10.8024, 25.9998

Rectangle

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



14.4660, 10.8024, 1.3226



7.9768, 10.8024, 0.9723



6.9716, 10.8024, 41.0886



12.9591, 10.8024, 45.0308

Sweetspot

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



14.4662, 10.8030, 1.3228



38.6582, 38.4568, 27.8940



13.6216, 6.8594, 7.9906



8.5672, 8.4401, 5.7373



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.



14.4662, 10.8030, 1.3228



25.3547, 18.7206, 2.2771



22.0451, 25.9607, 3.8491



6.0166, 6.2470, 6.1291



12.3836, 9.2815, 1.1388



0.1808, 0.1721, 0.0237

Inverse Universe

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



7.9989, 7.4453, 29.0323



13.9405, 12.7905, 51.1687



5.3988, 2.2452, 28.1656



5.7341, 6.1022, 7.3454



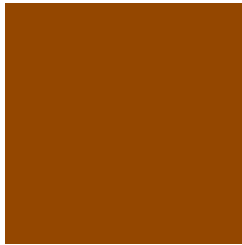
6.8597, 6.4142, 24.8076



0.1135, 0.1375, 0.3135

Previews

White Background



This preview shows how the XYZ color 14.4660, 10.8024, 1.3226 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 14.4660, 10.8024, 1.3226 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 14.4660, 10.8024, 1.3226

Background



This preview shows how black text looks on a background with the XYZ color 14.4660, 10.8024, 1.3226.



This preview shows how white text looks on a background with the XYZ color 14.4660, 10.8024,

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

14.4660, 10.8024, 1.3226

Protanopia

9.9010, 11.0377, 1.9894

Deuteranopia

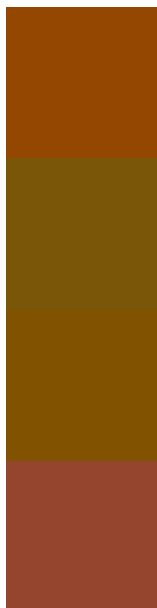
11.0436, 10.9963, 1.5404



Tritanopia

15.6314, 10.8227, 7.0595

Trichromacy



Original Color

14.4660, 10.8024, 1.3226

Protanomaly

11.2568, 10.7381, 1.7091

Deuteranomaly

12.0706, 10.7017, 1.4295

Tritanomaly

14.9352, 10.7133, 3.7633

Monochromacy



Original Color

14.4660, 10.8024, 1.3226

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

9.9387, 9.4119, 4.9073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4660, 10.8024, 1.3226 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, 71, 0)` looks like.

```
.text, #text, p{  
    color:rgb(148, 71, 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, 71, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 71, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.4660, 10.8024, 1.3226 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, 71, 0) }
```


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

```
.border{ border-color:rgb(148, 71, 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, 71, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 71, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 71, 0);  
box-shadow:4px 4px 4px 4px rgb(148, 71, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.4660, 10.8024, 1.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 71, 0) }
```

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

```
.background{ background-color: rgb(148, 71,  
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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