

Converting Colors

XYZ(14.4480, 11.0340, 1.3683)

Have a look what the booklet for
XYZ(14.4480, 11.0340, 1.3683)
contains.

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Color

**XYZ(14.4814, 11.1006,
1.3794)**

Conversions

Conversions Part 1

Format	Color
Hex	934A00
RGB	147, 74, 0
RGB Percent	58%, 29%, 0%
CMY	0.4235, 0.7098, 1.0000
CMYK	0.00, 0.50, 1.00, 0.42
HSL	30°, 100%, 29%
HSV	30°, 100%, 58%
XYZ	14.4814, 11.1006, 1.3794
YIQ	87.3910, 67.2620, -7.5380

Conversions

Conversions Part 2

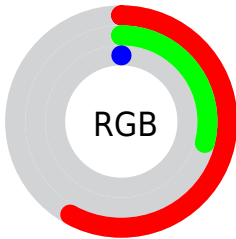
Format	Color
R_{YB}	145, 147, 0
Decimal	9652736
CIE Lab	39.75, 26.75, 49.50
CIE LCh	40, 56.263, 61.609
Yxy	11.1006, 0.5371, 0.4117
Android (android.graphics.Color)	4287842816 (0xFF934A00)
YUV	87.3910, -43.0838, 52.2771
Hunter-Lab	33.3176, 19.2789, 20.8676

Details

The XYZ color **14.4814, 11.1006, 1.3794** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **7.6489, 6.8715, 28.5267**, and the grayscale version is **9.2241, 9.7044, 10.5681**.

A 20% lighter version of the original color is **33.6294, 27.9565, 7.2381**, and **4.5351, 2.9544, 0.3312** is the 20% darker color. If you saturate the color by 10%, you get **14.4815, 11.1009, 1.3794**, and if you desaturate by 10%, it is **15.0818, 12.1669, 1.9945**.

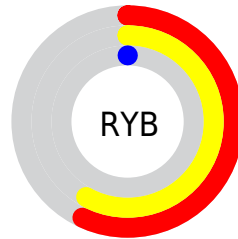
Distribution



Red (58%)

Green (29%)

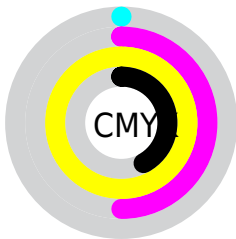
Blue (0%)



Red (57%)

Yellow (58%)

Blue (0%)

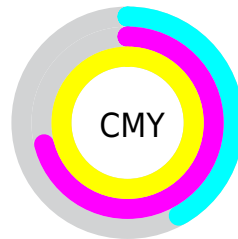


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (42%)



Cyan (42%)


Magenta (71%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.4814, 11.1006, 1.3794 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 14.4814, 11.1006, 1.3794 by changing the saturation by 10% instead.

 14.4814, 11.1006,
1.3794


 14.4814, 11.1006,
1.3794


 213.6566,
198.3564, 111.8429


 8.5402, 6.1345,
0.1256


 33.5200, 27.8460,
7.2617


 4.4972, 2.9271,
0.0000

 47.3480, 40.3942,
12.9469


 1.9871, 1.0938,
0.0000

 64.5358, 56.2386,
21.0195

 0.6267, 0.0000,
0.0000


 85.4485, 75.7634,
31.8981


 0.0000, 0.0000,
0.0000


 110.4516, 99.3533,
46.0012


 139.9104,


127.3925, 63.7473


 174.1903,
160.2654, 85.5550


 14.4814, 11.1006,
1.3794


 14.4814, 11.1006,
1.3794


 14.4815, 11.1009,
1.3794

 15.0818, 12.1669,
1.9945

 15.7988, 13.3728,
2.9373

 16.6632, 14.7338,
4.3588

 17.6874, 16.2577,
6.3169

 18.8823, 17.9515,
8.8610

■ 20.2576, 19.8214,
12.0350

■ 21.8224, 21.8735,
15.8784

■ 23.5849, 24.1134,
20.4275

■ 25.5527, 26.5464,
25.7160

Harmonies

Analogous

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



18.2044, 11.1006, 4.0262



14.4814, 11.1006, 1.3794



10.3440, 11.1006, 0.8594

Triad

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



14.4814, 11.1006, 1.3794



4.7413, 11.1006, 12.6926



14.9312, 11.1006, 40.6703

Complementary

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



14.4814, 11.1006, 1.3794



7.6489, 6.8715, 28.5267

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.



10.7603, 11.1006, 48.1377



14.4814, 11.1006, 1.3794



5.4142, 11.1006, 26.9729

Square

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



14.4814, 11.1006, 1.3794



5.2818, 11.1006, 4.5430



7.4048, 11.1006, 42.0236



18.5055, 11.1006, 25.2478

Rectangle

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



14.4814, 11.1006, 1.3794



8.0501, 11.1006, 1.1445



7.4048, 11.1006, 42.0236



13.5222, 11.1006, 44.5060

Sweetspot

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



14.4816, 11.1012, 1.3796



38.8976, 38.9354, 27.9737



13.2519, 6.6908, 6.9839



8.6269, 8.5595, 5.7572



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.



14.4816, 11.1012, 1.3796



25.7572, 19.5257, 2.4113



22.4662, 27.0703, 4.0411



6.0276, 6.2689, 6.1328



12.5796, 9.6736, 1.2042



0.1834, 0.1773, 0.0246

Inverse Universe

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



7.6489, 6.8715, 28.5267



13.5210, 11.9517, 51.0289



5.2665, 2.1067, 27.7326



5.7231, 6.0802, 7.3417



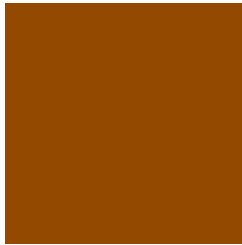
6.6558, 6.0065, 24.7396



0.1109, 0.1323, 0.3126

Previews

White Background



This preview shows how the XYZ color 14.4814, 11.1006, 1.3794 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 14.4814, 11.1006, 1.3794

Background



This preview shows how black text looks on a background with the XYZ color 14.4814, 11.1006, 1.3794.



This preview shows how white text looks on a background with the XYZ color 14.4814, 11.1006,

1.3794.

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

14.4814, 11.1006, 1.3794

Protanopia

10.1087, 11.2776, 2.0248

Deuteranopia

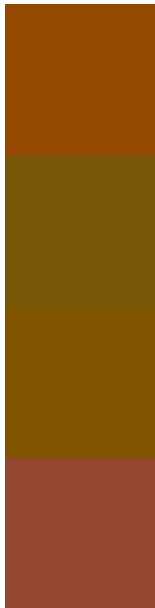
11.2639, 11.2343, 1.5748



Tritanopia

15.7586, 11.1402, 7.7983

Trichromacy



Original Color

14.4814, 11.1006, 1.3794

Protanomaly

11.3372, 10.8989, 1.7359

Deuteranomaly

12.2236, 11.0078, 1.4805

Tritanomaly

14.9791, 11.0076, 4.0245

Monochromacy



Original Color

14.4814, 11.1006, 1.3794

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

10.0136, 9.5616, 4.9322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4814, 11.1006, 1.3794 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(147, 74, 0)` looks like.

```
.text, #text, p{  
    color:rgb(147, 74, 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(147, 74, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 74, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.4814, 11.1006, 1.3794 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(147, 74, 0) }
```


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

```
.border{ border-color:rgb(147, 74, 0) }
```

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

Here you see how a box with a 4 pixel rgb(147, 74, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 74, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 74, 0);  
box-shadow:4px 4px 4px 4px rgb(147, 74, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.4814, 11.1006, 1.3794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 74, 0) }
```

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

```
.background{ background-color: rgb(147, 74,  
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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