

Converting Colors

XYZ(14.0918, 11.5213, 0.1648)

Have a look what the booklet for
XYZ(14.0918, 11.5213, 0.1648)
contains.

XYZ(14.3703, 11.6666, 1.4945)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.3703, 11.6666,
1.4945)**

Conversions

Conversions Part 1

Format	Color
Hex	905000
RGB	144, 80, 0
RGB Percent	56%, 31%, 0%
CMY	0.4353, 0.6863, 1.0000
CMYK	0.00, 0.44, 1.00, 0.44
HSL	33°, 100%, 28%
HSV	33°, 100%, 56%
XYZ	14.3703, 11.6666, 1.4945
YIQ	90.0160, 63.8240, -11.3120

Conversions

Conversions Part 2

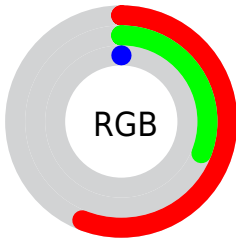
Format	Color
R_{YB}	115, 144, 0
Decimal	9457664
CIE Lab	40.68, 22.05, 49.84
CIE LCh	41, 54.500, 66.134
Yxy	11.6666, 0.5220, 0.4238
Android (android.graphics.Color)	4287647744 (0xFF905000)
YUV	90.0160, -44.3779, 47.3440
Hunter-Lab	34.1564, 15.3249, 21.3153

Details

The XYZ color **14.3703, 11.6666, 1.4945** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.8675, 5.6804, 27.1199**, and the grayscale version is **9.8087, 10.3195, 11.2379**.

A 20% lighter version of the original color is **33.3250, 28.9473, 7.5723**, and **4.5025, 3.1703, 0.3746** is the 20% darker color. If you saturate the color by 10%, you get **14.3704, 11.6669, 1.4945**, and if you desaturate by 10%, it is **14.9437, 12.6824, 2.0903**.

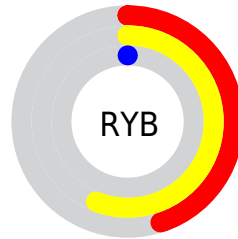
Distribution



Red (56%)

Green (31%)

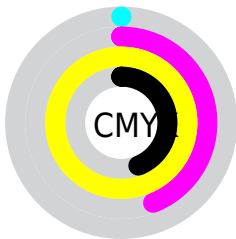
Blue (0%)



Red (45%)

Yellow (56%)

Blue (0%)

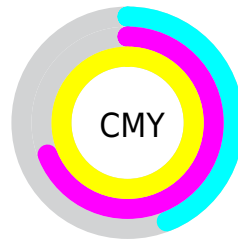


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (44%)



Cyan (44%)


Magenta (69%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.3703, 11.6666, 1.4945 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 14.3703, 11.6666, 1.4945 by changing the saturation by 10% instead.


 14.3703, 11.6666,
1.4945


 14.3703, 11.6666,
1.4945


 212.9873,
202.1854, 113.9549


 8.4621, 6.5171,
0.2138


 33.3254, 28.8864,
7.6060


 4.4463, 3.1620,
0.0000

 47.1031, 41.7255,
13.4518


 1.9576, 1.2169,
0.0000

 64.2346, 57.8966,
21.7157

 0.6100, 0.0754,
0.0000


 85.0853, 77.7840,
32.8161


 0.0000, 0.0000,
0.0000


 110.0206,
101.7722, 47.1718


 139.4057,


130.2456, 65.2011


 173.6062,
163.5885, 87.3226


 14.3703, 11.6666,
1.4945


 14.3703, 11.6666,
1.4945


 14.3704, 11.6669,
1.4945

 14.9437, 12.6824,
2.0903

 15.6181, 13.8113,
2.9924

 16.4225, 15.0675,
4.3479

 17.3685, 16.4572,
6.2115

 18.4659, 17.9862,
8.6300

■ 19.7236, 19.6596,
11.6448

■ 21.1496, 21.4823,
15.2934

■ 22.7513, 23.4587,
19.6101

■ 24.5358, 25.5933,
24.6268

Harmonies

Analogous

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



18.2267, 11.6666, 3.8402



14.3703, 11.6666, 1.4945



10.3145, 11.6666, 1.1233

Triad

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



14.3703, 11.6666, 1.4945



5.2259, 11.6666, 15.1120



16.0655, 11.6666, 38.7590

Complementary

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



14.3703, 11.6666, 1.4945



6.8675, 5.6804, 27.1199

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.



11.9008, 11.6666, 47.7164



14.3703, 11.6666, 1.4945



6.1104, 11.6666, 29.8083

Square

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



14.3703, 11.6666, 1.4945



5.5927, 11.6666, 5.8985



8.3492, 11.6666, 43.7355



19.3536, 11.6666, 23.3877

Rectangle

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



14.3703, 11.6666, 1.4945



8.1307, 11.6666, 1.5815



8.3492, 11.6666, 43.7355



14.6891, 11.6666, 42.9297

Sweetspot

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



14.3706, 11.6672, 1.4947



37.1387, 37.6834, 26.5428



12.4500, 6.3087, 5.5326



8.2923, 8.3573, 5.5045



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.3706, 11.6672, 1.4947



25.1783, 20.2421, 2.5801



20.2570, 25.2479, 3.8058



5.6417, 5.8896, 5.7288



12.5377, 10.2071, 1.3094



0.1419, 0.1416, 0.0199

Inverse Universe

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



6.8675, 5.6804, 27.1199



11.9515, 9.6968, 47.7798



5.1242, 2.0602, 26.5131



5.3145, 5.6248, 6.8344



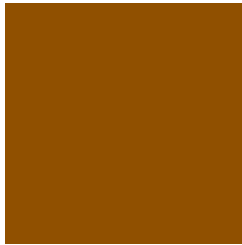
6.0030, 4.9920, 23.6242



0.0788, 0.0906, 0.2330

Previews

White Background



This preview shows how the XYZ color 14.3703, 11.6666, 1.4945 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 14.3703, 11.6666, 1.4945 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 14.3703, 11.6666, 1.4945

Background



This preview shows how black text looks on a background with the XYZ color 14.3703, 11.6666, 1.4945.



This preview shows how white text looks on a background with the XYZ color 14.3703, 11.6666,

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

14.3703, 11.6666, 1.4945

Protanopia

10.6477, 11.8271, 2.0695

Deuteranopia

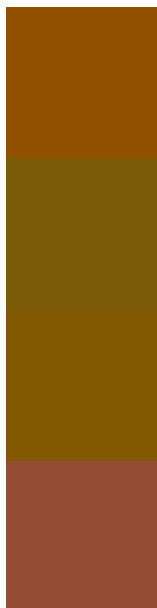
11.8532, 11.7919, 1.6513



Tritanopia

15.9294, 11.6798, 9.0043

Trichromacy



Original Color

14.3703, 11.6666, 1.4945

Protanomaly

11.8110, 11.6373, 1.8534

Deuteranomaly

12.6956, 11.7253, 1.5941

Tritanomaly

15.0360, 11.5189, 4.5628

Monochromacy



Original Color

14.3703, 11.6666, 1.4945

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

10.4967, 10.2660, 5.2992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3703, 11.6666, 1.4945 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(144, 80, 0)` looks like.

```
.text, #text, p{  
    color:rgb(144, 80, 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(144, 80, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 80, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.3703, 11.6666, 1.4945 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(144, 80, 0) }
```


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

```
.border{ border-color:rgb(144, 80, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 80, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 80, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 80, 0);  
box-shadow:4px 4px 4px 4px rgb(144, 80, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.3703, 11.6666, 1.4945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 80, 0) }
```

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

```
.background{ background-color: rgb(144, 80,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor