

Converting Colors

XYZ(14.3415, 11.2004, 7.9480)

Have a look what the booklet for
XYZ(14.3415, 11.2004, 7.9480)
contains.

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Color

**XYZ(14.3711, 11.2054,
7.8840)**

Conversions

Conversions Part 1

Format	Color
Hex	8A4D4A
RGB	138, 77, 74
RGB Percent	54%, 30%, 29%
CMY	0.4588, 0.6980, 0.7098
CMYK	0.00, 0.44, 0.46, 0.46
HSL	3°, 30%, 42%
HSV	3°, 46%, 54%
XYZ	14.3711, 11.2054, 7.8840
YIQ	94.8970, 37.3190, 11.9990

Conversions

Conversions Part 2

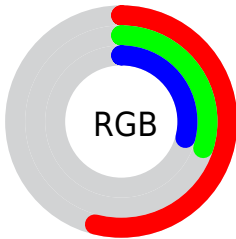
Format	Color
RYB	138, 77, 74
Decimal	9063754
CIELab	39.92, 25.32, 13.06
CIELCh	40, 28.489, 27.288
Yxy	11.2054, 0.4295, 0.3349
Android (android.graphics.Color)	4287253834 (0xFF8A4D4A)
YUV	94.8970, -10.3022, 37.8013
Hunter-Lab	33.4745, 18.0525, 9.4680

Details

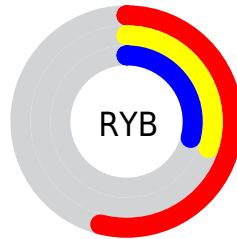
The XYZ color **14.3711, 11.2054, 7.8840** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.0750, 20.6178, 27.1770**, and the grayscale version is **10.8704, 11.4366, 12.4544**.

A 20% lighter version of the original color is **33.4127, 28.0781, 22.3975**, and **4.4449, 2.9536, 1.5641** is the 20% darker color. If you saturate the color by 10%, you get **13.1271, 9.3817, 5.4218**, and if you desaturate by 10%, it is **15.9037, 13.4433, 10.9459**.

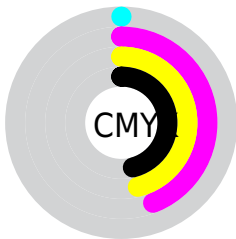
Distribution



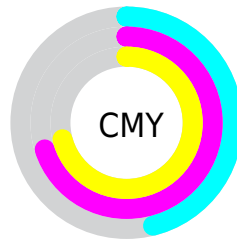
- Red (54%)
- Green (30%)
- Blue (29%)



- Red (54%)
- Yellow (30%)
- Blue (29%)



- Cyan (0%)
- Magenta (44%)
- Yellow (46%)
- Black (46%)





- Cyan (46%)
- Magenta (70%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.3711, 11.2054, 7.8840 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 14.3711, 11.2054, 7.8840 by changing the saturation by 10% instead.


 14.3711, 11.2054,
7.8840


 14.3711, 11.2054,
7.8840


212.9921,
199.0713, 184.7198


 8.4626, 6.2052,
3.9341


 33.3268, 28.0394,
22.2731


 4.4467, 2.9702,
1.5893

 47.1049, 40.6419,
33.5494


 1.9578, 1.1162,
0.2831

 64.2368, 56.5473,
48.1050

 0.6101, 0.0000,
0.0000

 85.0879, 76.1400,
66.3583

 0.0000, 0.0000,
0.0000

 110.0237, 99.8043,
88.7278

139.4094,

127.9247, 115.6323

173.6104,
160.8856, 147.4901

■ 14.3711, 11.2054,
7.8840

■ 14.3711, 11.2054,
7.8840

■ 13.1271, 9.3817,
5.4218

■ 15.9037, 13.4433,
10.9459

■ 12.1530, 7.9451,
3.5194

■ 17.7407, 16.1167,
14.6426

■ 11.4288, 6.8682,
2.1330

■ 19.8975, 19.2477,
19.0073

■ 10.9319, 6.1192,
1.2122

■ 22.3883, 22.8562,
24.0706

■ 10.6310, 5.6591,
0.6756

■ 25.2265, 26.9611,
29.8613

■ 10.5515, 5.5438,
0.5139

■ 28.4247, 31.5803,
36.4065

■ 31.9950, 36.7306,
43.7321

■ 35.9487, 42.4281,
51.8626

■ 40.2967, 48.6884,
60.8213

Harmonies

Analogous

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



14.8851, 11.2054, 12.7197



14.3711, 11.2054, 7.8840



12.8242, 11.2054, 5.1761

Triad

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



14.3711, 11.2054, 7.8840



7.7786, 11.2054, 7.2399



10.4727, 11.2054, 26.5049

Complementary

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



14.3711, 11.2054, 7.8840



16.0750, 20.6178, 27.1770

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.



8.7373, 11.2054, 23.7496



14.3711, 11.2054, 7.8840



7.3063, 11.2054, 11.6962

Square

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



14.3711, 11.2054, 7.8840



9.0113, 11.2054, 4.8925



7.6346, 11.2054, 17.8608



12.4771, 11.2054, 24.5563

Rectangle

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



14.3711, 11.2054, 7.8840



11.5031, 11.2054, 4.3998



7.6346, 11.2054, 17.8608



9.8409, 11.2054, 26.0829

Sweetspot

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



14.3714, 11.2060, 7.8842



35.9356, 35.1782, 35.2544



17.3645, 12.0747, 24.6582



7.8843, 7.6353, 7.5505



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.3714, 11.2060, 7.8842



22.9806, 16.3039, 9.2454



17.0939, 16.6510, 8.7917



5.0505, 5.0838, 5.2675



9.6774, 5.0891, 0.4722



0.0664, 0.0381, 0.0039

Inverse Universe

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



16.0750, 20.6178, 27.1770



26.3718, 35.0756, 47.7635



12.3484, 13.1647, 25.9348



5.1531, 5.6491, 6.4246



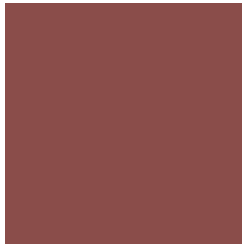
11.7153, 16.7009, 24.6518



0.0807, 0.1167, 0.1647

Previews

White Background



This preview shows how the XYZ color 14.3711, 11.2054, 7.8840 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 14.3711, 11.2054, 7.8840 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 14.3711, 11.2054, 7.8840

Background



This preview shows how black text looks on a background with the XYZ color 14.3711, 11.2054, 7.8840.



This preview shows how white text looks on a background with the XYZ color 14.3711, 11.2054,

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

14.3711, 11.2054, 7.8840

Protanopia

10.6713, 11.2673, 9.5950

Deuteranopia

11.4663, 11.3296, 7.7134



Tritanopia

14.7171, 11.2519, 9.1807

Trichromacy



Original Color

14.3711, 11.2054, 7.8840

Protanomaly

11.7111, 11.0547, 8.9137

Deuteranomaly

12.4155, 11.2016, 7.8111

Tritanomaly

14.6070, 11.2079, 8.6012

Monochromacy



Original Color

14.3711, 11.2054, 7.8840

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.7656, 11.0471, 10.5290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3711, 11.2054, 7.8840 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(138, 77, 74)` looks like.

```
.text, #text, p{  
    color:rgb(138, 77, 74)  
}
```

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(138, 77, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 77, 74) }
```

Border

The CSS property to change the border of an element to XYZ 14.3711, 11.2054, 7.8840 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(138, 77, 74) }
```


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

```
.border{ border-color:rgb(138, 77, 74) }
```

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

Here you see how a box with a 4 pixel rgb(138, 77, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 77, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 77, 74);  
box-shadow:4px 4px 4px 4px rgb(138, 77,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3711, 11.2054, 7.8840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 77, 74) }
```

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

```
.background{ background-color: rgb(138, 77,  
74) }
```

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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