

Converting Colors

XYZ(14.5688, 13.9457, 8.8828)

Have a look what the booklet for
XYZ(14.5688, 13.9457, 8.8828)
contains.

XYZ(14.5538, 13.9715, 8.9509)	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(14.5538, 13.9715,
8.9509)**

Conversions

Conversions Part 1

Format	Color
Hex	7F634D
RGB	127, 99, 77
RGB Percent	50%, 39%, 30%
CMY	0.5020, 0.6118, 0.6980
CMYK	0.00, 0.22, 0.39, 0.50
HSL	26°, 25%, 40%
HSV	26°, 39%, 50%
XYZ	14.5538, 13.9715, 8.9509
YIQ	104.8640, 23.7500, -0.9060

Conversions

Conversions Part 2

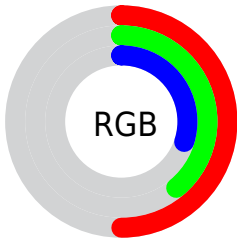
Format	Color
R_{YB}	127, 116, 77
Decimal	8348493
CIE _{Lab}	44.19, 8.05, 16.82
CIE _{LCh}	44, 18.643, 64.429
Yxy	13.9715, 0.3883, 0.3728
Android (android.graphics.Color)	4286538573 (0xFF7F634D)
YUV	104.8640, -13.7370, 19.4133
Hunter-Lab	37.3785, 4.0890, 11.9669

Details

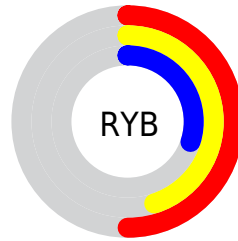
The XYZ color **14.5538, 13.9715, 8.9509** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **11.9428, 13.2129, 21.9996**, and the grayscale version is **13.4222, 14.1212, 15.3780**.

A 20% lighter version of the original color is **33.7283, 33.1428, 24.3582**, and **4.4830, 4.1023, 1.9944** is the 20% darker color. If you saturate the color by 10%, you get **13.5042, 12.5212, 6.6006**, and if you desaturate by 10%, it is **15.7510, 15.5768, 11.7827**.

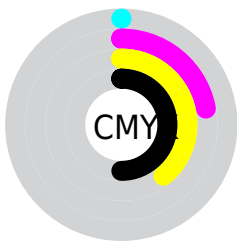
Distribution



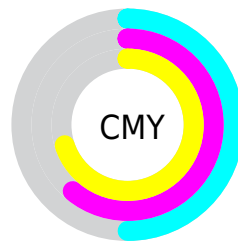
- Red (50%)
- Green (39%)
- Blue (30%)



- Red (50%)
- Yellow (45%)
- Blue (30%)



- Cyan (0%)
- Magenta (22%)
- Yellow (39%)
- Black (50%)



- Cyan (50%)
- Magenta (61%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5538, 13.9715, 8.9509 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 14.5538, 13.9715, 8.9509 by changing the saturation by 10% instead.

■ 14.5538, 13.9715,
8.9509

■ 14.5538, 13.9715,
8.9509

214.0917,
217.0535, 193.2158

■ 8.5911, 8.1008,
4.6128

■ 33.6466, 33.0385,
24.3788

■ 4.5304, 4.1595,
1.9672

■ 47.5074, 47.0035,
36.3057

■ 2.0064, 1.7632,
0.5350

■ 64.7317, 64.4356,
51.5992

■ 0.6375, 0.4641,
0.0000

■ 85.6847, 85.7189,
70.6779

■ 0.0000, 0.0000,
0.0000

■ 110.7319,
111.2380, 93.9604

140.2385,

141.3772, 121.8652

174.5700,
176.5209, 154.8108

■ 14.5538, 13.9715,
8.9509

■ 14.5538, 13.9715,
8.9509

■ 13.5042, 12.5212,
6.6006

■ 15.7510, 15.5768,
11.7827

■ 12.5945, 11.2189,
4.7035

■ 17.1010, 17.3401,
15.1206

■ 11.8179, 10.0597,
3.2297

■ 18.6099, 19.2664,
18.9881

■ 11.1663, 9.0379,
2.1451

■ 20.2831, 21.3602,
23.4074

■ 10.6307, 8.1471,
1.4102

■ 22.1258, 23.6257,
28.3992

■ 10.1873, 7.3747,
0.9095

■ 24.1430, 26.0670,
33.9831

■ 10.1611, 7.3294,
0.8792

■ 26.3394, 28.6878,
40.1779

■ 28.7195, 31.4920,
47.0015

■ 31.2878, 34.4832,
54.4711

Harmonies

Analogous

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



15.7834, 13.9715, 11.0322



14.5538, 13.9715, 8.9509



13.0597, 13.9715, 8.4153

Triad

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



14.5538, 13.9715, 8.9509



10.6250, 13.9715, 15.8545



14.9646, 13.9715, 23.0263

Complementary

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



14.5538, 13.9715, 8.9509



11.9428, 13.2129, 21.9996

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.



13.5018, 13.9715, 24.9378



14.5538, 13.9715, 8.9509



11.0555, 13.9715, 20.3345

Square

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



14.5538, 13.9715, 8.9509



10.8610, 13.9715, 11.9412



12.0818, 13.9715, 23.8710



16.0327, 13.9715, 19.0327

Rectangle

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



14.5538, 13.9715, 8.9509



12.1304, 13.9715, 8.9025



12.0818, 13.9715, 23.8710



14.4989, 13.9715, 23.9644

Sweetspot

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



14.5542, 13.9722, 8.9512



32.5079, 33.4649, 31.8831



13.9734, 10.8467, 14.8119



7.5441, 7.7500, 7.2925



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.5542, 13.9722, 8.9512



24.4040, 22.7327, 12.3011



17.2580, 19.3798, 9.8525



4.4714, 4.6314, 4.5784



10.2464, 7.3892, 0.8862



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.9428, 13.2129, 21.9996



19.0495, 21.1701, 39.0385



9.7846, 8.8965, 21.2802



4.2929, 4.5798, 5.4710



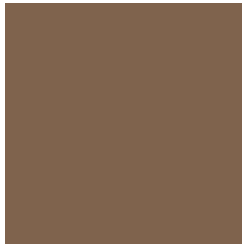
6.1418, 6.1021, 21.1041



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.5538, 13.9715, 8.9509 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 14.5538, 13.9715, 8.9509 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 14.5538, 13.9715, 8.9509

Background



This preview shows how black text looks on a background with the XYZ color 14.5538, 13.9715, 8.9509.



This preview shows how white text looks on a background with the XYZ color 14.5538, 13.9715,

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

14.5538, 13.9715, 8.9509

Protanopia

13.1449, 14.1124, 9.4283

Deuteranopia

14.2089, 13.9353, 8.9621



Tritanopia

15.8370, 14.0908, 14.7171

Trichromacy



Original Color

14.5538, 13.9715, 8.9509

Protanomaly

13.5615, 14.0325, 9.2015

Deuteranomaly

14.3542, 14.0101, 8.9689

Tritanomaly

15.3483, 14.0247, 12.4878

Monochromacy



Original Color

14.5538, 13.9715, 8.9509

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.7259, 14.0374, 12.8125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5538, 13.9715, 8.9509 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(127, 99, 77)` looks like.

```
.text, #text, p{  
    color:rgb(127, 99, 77)  
}
```

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(127, 99, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 99, 77) }
```

Border

The CSS property to change the border of an element to XYZ 14.5538, 13.9715, 8.9509 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(127, 99, 77) }
```


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

```
.border{ border-color:rgb(127, 99, 77) }
```

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

Here you see how a box with a 4 pixel rgb(127, 99, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 99, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 99, 77);  
box-shadow:4px 4px 4px 4px rgb(127, 99,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5538, 13.9715, 8.9509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 99, 77) }
```

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

```
.background{ background-color: rgb(127, 99,  
77) }
```

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