

Converting Colors

XYZ(17.9635, 17.2239, 9.3989)

Have a look what the booklet for
XYZ(17.9635, 17.2239, 9.3989)
contains.

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Color

**XYZ(17.9635, 17.2239,
9.3989)**

Conversions

Conversions Part 1

Format	Color
Hex	8E6D4D
RGB	142, 109, 77
RGB Percent	56%, 43%, 30%
CMY	0.4431, 0.5725, 0.6980
CMYK	0.00, 0.23, 0.46, 0.44
HSL	30°, 30%, 43%
HSV	30°, 46%, 56%
XYZ	17.9635, 17.2239, 9.3989
YIQ	115.2190, 29.9400, -2.9560

Conversions

Conversions Part 2

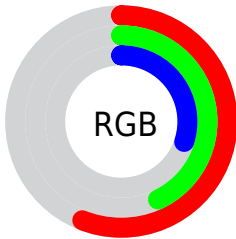
Format	Color
R_{YB}	142, 140, 77
Decimal	9334093
CIE _{Lab}	48.54, 8.74, 22.89
CIE _{LCh}	49, 24.501, 69.091
Yxy	17.2239, 0.4029, 0.3863
Android (android.graphics.Color)	4287524173 (0xFF8E6D4D)
YUV	115.2190, -18.8420, 23.4869
Hunter-Lab	41.5017, 4.6336, 15.6238

Details

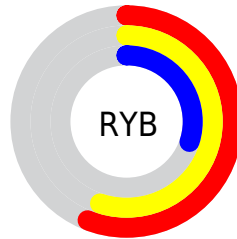
The XYZ color **17.9635, 17.2239, 9.3989** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.5187, 14.6819, 27.7124**, and the grayscale version is **16.4116, 17.2663, 18.8030**.

A 20% lighter version of the original color is **39.3627, 38.5183, 25.0988**, and **6.1998, 5.7232, 2.1444** is the 20% darker color. If you saturate the color by 10%, you get **16.7782, 15.5700, 6.7945**, and if you desaturate by 10%, it is **19.3222, 19.0494, 12.6015**.

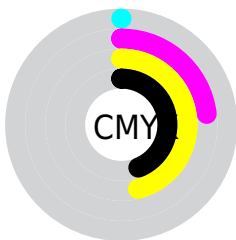
Distribution



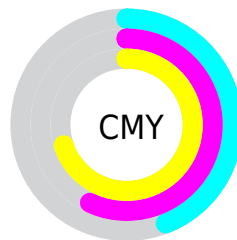
- Red (56%)
- Green (43%)
- Blue (30%)



- Red (56%)
- Yellow (55%)
- Blue (30%)



- Cyan (0%)
- Magenta (23%)
- Yellow (46%)
- Black (44%)





- Cyan (44%)
- Magenta (57%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.9635, 17.2239, 9.3989 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 17.9635, 17.2239, 9.3989 by changing the saturation by 10% instead.


 17.9635, 17.2239,
9.3989


 17.9635, 17.2239,
9.3989


233.7148,
236.4594, 196.6527


 11.0233, 10.3943,
4.9019


 39.5057, 38.7103,
25.2485


 6.1499, 5.6611,
2.1321


 54.8384, 54.1359,
37.4382

 2.9780, 2.6401,
0.6348

 73.6993, 73.1956,
53.0291

 1.1421, 0.9469,
0.0000

 96.4539, 96.2738,
72.4400

 0.0599, 0.0000,
0.0000

 123.4673,
123.7549, 96.0892

 0.0000, 0.0000,
0.0000

155.1050,

156.0232, 124.3954

191.7324,
193.4633, 157.7771

■ 17.9635, 17.2239,
9.3989

■ 17.9635, 17.2239,
9.3989

■ 16.7782, 15.5700,
6.7945

■ 19.3222, 19.0494,
12.6015

■ 15.7564, 14.0794,
4.7489

■ 20.8610, 21.0495,
16.4363

■ 14.8888, 12.7465,
3.2195


■ 22.5878, 23.2303,
20.9359


■ 14.1645, 11.5643,
2.1568


■ 24.5097, 25.5968,
26.1303


■ 13.5682, 10.5240,
1.4885


■ 26.6331, 28.1538,
32.0478

 13.3402, 10.1205,
1.2504

 28.9643, 30.9057,
38.7148

 31.5093, 33.8570,
46.1568

 34.2739, 37.0119,
54.3977

 37.2635, 40.3745,
63.4606

Harmonies

Analogous

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



19.9627, 17.2239, 11.9771



17.9635, 17.2239, 9.3989



15.6968, 17.2239, 8.9885

Triad

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



17.9635, 17.2239, 9.3989



12.4604, 17.2239, 20.7801



19.2525, 17.2239, 30.1052

Complementary

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



17.9635, 17.2239, 9.3989



13.5187, 14.6819, 27.7124

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.



17.0638, 17.2239, 33.8381



17.9635, 17.2239, 9.3989



13.2379, 17.2239, 27.6997

Square

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



17.9635, 17.2239, 9.3989



12.6535, 17.2239, 14.6712



14.8751, 17.2239, 32.8691



20.7529, 17.2239, 23.5314

Rectangle

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



17.9635, 17.2239, 9.3989



14.3566, 17.2239, 9.8781



14.8751, 17.2239, 32.8691



18.5652, 17.2239, 31.7952

Sweetspot

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



17.9639, 17.2247, 9.3992



40.3125, 41.5628, 38.1986



16.6556, 12.1972, 16.3954



8.8658, 9.1112, 8.1643



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.9639, 17.2247, 9.3992



29.5155, 27.3543, 11.8312



22.0074, 25.3117, 10.7471



5.6144, 5.8350, 5.7197



11.9959, 9.1235, 1.1288



0.1366, 0.1311, 0.0181

Inverse Universe

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



13.5187, 14.6819, 27.7124



20.6523, 22.2830, 48.3404



10.6735, 8.9916, 26.7641



5.3417, 5.6791, 6.8434



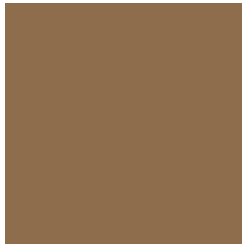
6.4878, 5.9615, 23.7858



0.0841, 0.1011, 0.2348

Previews

White Background



This preview shows how the XYZ color 17.9635, 17.2239, 9.3989 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 17.9635, 17.2239, 9.3989 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 17.9635, 17.2239, 9.3989

Background



This preview shows how black text looks on a background with the XYZ color 17.9635, 17.2239, 9.3989.



This preview shows how white text looks on a background with the XYZ color 17.9635, 17.2239,

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

17.9635, 17.2239, 9.3989

Protanopia

16.0361, 17.2006, 10.0643

Deuteranopia

17.5629, 17.1767, 9.4109



Tritanopia

19.5520, 17.0902, 17.5975

Trichromacy



Original Color

17.9635, 17.2239, 9.3989

Protanomaly

16.6765, 17.2001, 9.8381

Deuteranomaly

17.7307, 17.2631, 9.4188

Tritanomaly

18.9078, 17.1382, 14.1158

Monochromacy



Original Color

17.9635, 17.2239, 9.3989

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.7115, 17.1098, 14.7336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9635, 17.2239, 9.3989 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(142, 109, 77)` looks like.

```
.text, #text, p{  
    color:rgb(142, 109, 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(142, 109, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 109, 77) }
```

Border

The CSS property to change the border of an element to XYZ 17.9635, 17.2239, 9.3989 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(142, 109, 77) }
```


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

```
.border{ border-color:rgb(142, 109, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 109, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 109, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 109, 77);  
box-shadow:4px 4px 4px 4px rgb(142, 109,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9635, 17.2239, 9.3989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 109, 77) }
```

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

```
.background{ background-color: rgb(142,  
109, 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](#).

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