

Converting Colors

XYZ(16.4440, 14.3931, 9.3183)

Have a look what the booklet for
XYZ(16.4440, 14.3931, 9.3183)
contains.

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Color

**XYZ(16.4880, 14.4117,
9.3099)**

Conversions

Conversions Part 1

Format	Color
Hex	8D5F4F
RGB	141, 95, 79
RGB Percent	55%, 37%, 31%
CMY	0.4471, 0.6274, 0.6902
CMYK	0.00, 0.33, 0.44, 0.45
HSL	15°, 28%, 43%
HSV	15°, 44%, 55%
XYZ	16.4880, 14.4117, 9.3099
YIQ	106.9300, 32.5520, 4.7760

Conversions

Conversions Part 2

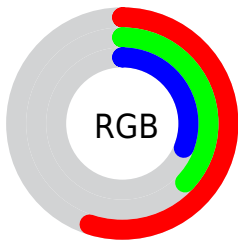
Format	Color
R_{YB}	141, 101, 79
Decimal	9264975
CIE Lab	44.82, 16.71, 16.75
CIE LCh	45, 23.659, 45.064
Yxy	14.4117, 0.4101, 0.3584
Android (android.graphics.Color)	4287455055 (0xFF8D5F4F)
YUV	106.9300, -13.7695, 29.8794
Hunter-Lab	37.9627, 11.0914, 12.0338

Details

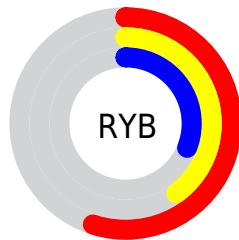
The XYZ color **16.4880, 14.4117, 9.3099** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.3654, 18.2517, 27.9123**, and the grayscale version is **13.9867, 14.7151, 16.0248**.

A 20% lighter version of the original color is **36.9401, 33.8520, 25.0092**, and **5.4655, 4.3532, 2.0656** is the 20% darker color. If you saturate the color by 10%, you get **15.1484, 12.4686, 6.5943**, and if you desaturate by 10%, it is **18.0638, 16.6529, 12.6417**.

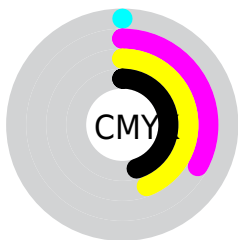
Distribution



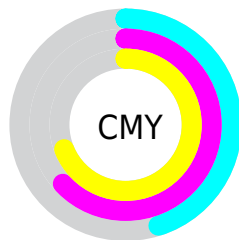
- Red (55%)
- Green (37%)
- Blue (31%)



- Red (55%)
- Yellow (40%)
- Blue (31%)



- Cyan (0%)
- Magenta (33%)
- Yellow (44%)
- Black (45%)



- Cyan (45%)
- Magenta (63%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4880, 14.4117, 9.3099 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 16.4880, 14.4117, 9.3099 by changing the saturation by 10% instead.

■ 16.4880, 14.4117,
9.3099

■ 16.4880, 14.4117,
9.3099

225.4186,
219.7772, 195.9756

■ 9.9632, 8.4076,
4.8443

■ 36.9940, 33.8178,
25.0763

■ 5.4366, 4.3568,
2.0991

■ 51.7059, 47.9885,
37.2143

■ 2.5430, 1.8751,
0.6152

■ 69.8774, 65.6502,
52.7467

■ 0.9170, 0.5333,
0.0000

■ 91.8741, 87.1873,
72.0922

■ 0.0000, 0.0000,
0.0000

■ 118.0612,
112.9841, 95.6693

148.8040,

143.4251, 123.8965

184.4681,
178.8947, 157.1925

■ 16.4880, 14.4117,
9.3099

■ 16.4880, 14.4117,
9.3099

■ 15.1484, 12.4686,
6.5943

■ 18.0638, 16.6529,
12.6417

■ 14.0320, 10.8086,
4.4557

■ 19.8857, 19.2020,
16.6237

■ 13.1259, 9.4188,
2.8520

■ 21.9644, 22.0711,
21.2886

■ 12.4157, 8.2840,
1.7344

■ 24.3097, 25.2709,
26.6665

■ 11.8841, 7.3875,
1.0437

■ 26.9308, 28.8116,
32.7857

■ 11.6274, 6.9485,
0.7284

■ 29.8365, 32.7029,
39.6730

■ 33.0350, 36.9544,
47.3540

■ 36.5344, 41.5749,
55.8527

■ 40.3425, 46.5732,
65.1926

Harmonies

Analogous

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



17.6004, 14.4117, 13.0901



16.4880, 14.4117, 9.3099



14.6762, 14.4117, 7.5039

Triad

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



16.4880, 14.4117, 9.3099



10.4178, 14.4117, 13.1104



14.6846, 14.4117, 28.3455

Complementary

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



16.4880, 14.4117, 9.3099



15.3654, 18.2517, 27.9123

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.



12.7640, 14.4117, 28.3546



16.4880, 14.4117, 9.3099



10.4196, 14.4117, 18.6174

Square

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



16.4880, 14.4117, 9.3099



11.2366, 14.4117, 9.3217



11.2418, 14.4117, 24.4758



16.4946, 14.4117, 24.4533

Rectangle

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



16.4880, 14.4117, 9.3099



13.3731, 14.4117, 7.3114



11.2418, 14.4117, 24.4758



14.0279, 14.4117, 28.8281

Sweetspot

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



16.4884, 14.4124, 9.3102



39.6100, 39.9032, 38.7493



17.5142, 12.7483, 21.1075



8.6724, 8.6729, 8.2589



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.



16.4884, 14.4124, 9.3102



27.0922, 22.2760, 11.7377



19.7929, 21.0214, 10.4117



5.5150, 5.6364, 5.6866



10.6135, 6.3587, 0.6680



0.1172, 0.0922, 0.0116

Inverse Universe

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



15.3654, 18.2517, 27.9123



24.7839, 30.0550, 49.6228



12.0796, 11.6801, 26.8170



5.4441, 5.8839, 6.8775



8.9664, 10.9187, 24.6120



0.1035, 0.1400, 0.2412

Previews

White Background



This preview shows how the XYZ color 16.4880, 14.4117, 9.3099 looks on a white background.

Color Contrast Check

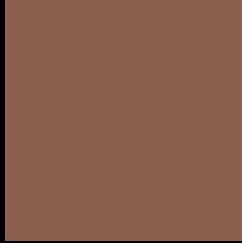
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.4880, 14.4117, 9.3099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

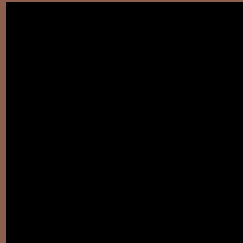
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.4880, 14.4117, 9.3099

Background



This preview shows how black text looks on a background with the XYZ color 16.4880, 14.4117, 9.3099.



This preview shows how white text looks on a background with the XYZ color 16.4880, 14.4117,

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

16.4880, 14.4117, 9.3099

Protanopia

13.5643, 14.4589, 10.4634

Deuteranopia

14.7307, 14.4884, 9.2279



Tritanopia

17.4070, 14.3948, 13.6654

Trichromacy



Original Color

16.4880, 14.4117, 9.3099

Protanomaly

14.4427, 14.3229, 9.9860

Deuteranomaly

15.1971, 14.2990, 9.1667

Tritanomaly

17.0014, 14.3522, 11.9994

Monochromacy



Original Color

16.4880, 14.4117, 9.3099

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.6157, 14.4855, 13.3349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4880, 14.4117, 9.3099 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(141, 95, 79)` looks like.

```
.text, #text, p{  
    color:rgb(141, 95, 79)  
}
```

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(141, 95, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 95, 79) }
```

Border

The CSS property to change the border of an element to XYZ 16.4880, 14.4117, 9.3099 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(141, 95, 79) }
```


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

```
.border{ border-color:rgb(141, 95, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 95, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 95, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 95, 79);  
box-shadow:4px 4px 4px 4px rgb(141, 95,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4880, 14.4117, 9.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 95, 79) }
```

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

```
.background{ background-color: rgb(141, 95,  
79) }
```

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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