

Converting Colors

XYZ(18.4527, 17.3305, 8.8511)

Have a look what the booklet for
XYZ(18.4527, 17.3305, 8.8511)
contains.

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Color

**XYZ(18.4527, 17.3305,
8.8511)**

Conversions

Conversions Part 1

Format	Color
Hex	926C4A
RGB	146, 108, 74
RGB Percent	57%, 42%, 29%
CMY	0.4274, 0.5765, 0.7098
CMYK	0.00, 0.26, 0.49, 0.43
HSL	28°, 33%, 43%
HSV	28°, 49%, 57%
XYZ	18.4527, 17.3305, 8.8511
YIQ	115.4860, 33.5620, -2.5180

Conversions

Conversions Part 2

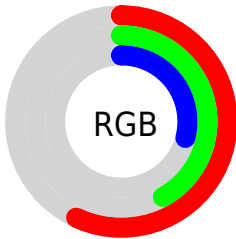
Format	Color
RYB	146, 138, 74
Decimal	9595978
CIELab	48.67, 10.75, 24.87
CIELCh	49, 27.094, 66.617
Yxy	17.3305, 0.4134, 0.3883
Android (android.graphics.Color)	4287786058 (0xFF926C4A)
YUV	115.4860, -20.4526, 26.7608
Hunter-Lab	41.6299, 6.2688, 16.5351

Details

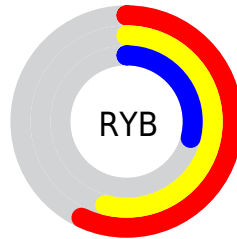
The XYZ color **18.4527, 17.3305, 8.8511** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.8064, 15.1190, 29.3848**, and the grayscale version is **16.4970, 17.3561, 18.9008**.

A 20% lighter version of the original color is **40.3304, 38.7829, 24.0991**, and **6.4047, 5.7534, 1.9353** is the 20% darker color. If you saturate the color by 10%, you get **17.2398, 15.6027, 6.2954**, and if you desaturate by 10%, it is **19.8524, 19.2493, 12.0327**.

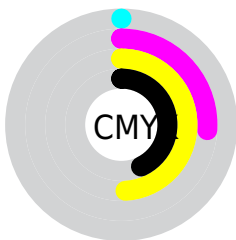
Distribution



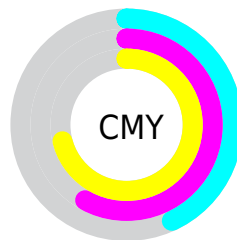
- Red (57%)
- Green (42%)
- Blue (29%)



- Red (57%)
- Yellow (54%)
- Blue (29%)



- Cyan (0%)
- Magenta (26%)
- Yellow (49%)
- Black (43%)



- Cyan (43%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4527, 17.3305, 8.8511 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 18.4527, 17.3305, 8.8511 by changing the saturation by 10% instead.

■ 18.4527, 17.3305,
8.8511

■ 18.4527, 17.3305,
8.8511

236.4070,
237.0698, 192.4402

■ 11.3771, 10.4704,
4.5487

■ 40.3313, 38.8932,
24.1839

■ 6.3903, 5.7120,
1.9309

■ 55.8650, 54.3645,
36.0515

■ 3.1267, 2.6707,
0.5123

■ 74.9489, 73.4751,
51.2778

■ 1.2211, 0.9624,
0.0000

■ 97.9481, 96.6092,
70.2815

■ 0.1229, 0.0000,
0.0000

■ 125.2283,
124.1514, 93.4810

■ 0.0000, 0.0000,
0.0000

157.1545,

156.4859, 121.2949

194.0923,
193.9973, 154.1418

■ 18.4527, 17.3305,
8.8511

■ 18.4527, 17.3305,
8.8511

■ 17.2398, 15.6027,
6.2954

■ 19.8524, 19.2493,
12.0327

■ 16.2027, 14.0565,
4.3218

■ 21.4468, 21.3631,
15.8781

■ 15.3308, 12.6853,
2.8823

■ 23.2446, 23.6788,
20.4230

■ 14.6114, 11.4808,
1.9206

■ 25.2536, 26.2021,
25.7005

■ 14.0173, 10.4286,
1.3029

■ 27.4812, 28.9387,
31.7416

■ 13.9792, 10.3612,
1.2631

■ 29.9345, 31.8938,
38.5753

■ 32.6200, 35.0726,
46.2292

■ 35.5442, 38.4798,
54.7296

■ 38.7131, 42.1203,
64.1015

Harmonies

Analogous

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



20.6356, 17.3305, 11.7972



18.4527, 17.3305, 8.8511



15.9248, 17.3305, 8.2391

Triad

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



18.4527, 17.3305, 8.8511



12.1471, 17.3305, 20.4998



19.5061, 17.3305, 32.2033

Complementary

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



18.4527, 17.3305, 8.8511



13.8064, 15.1190, 29.3848

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.



17.0318, 17.3305, 36.0963



18.4527, 17.3305, 8.8511



12.9101, 17.3305, 28.3208

Square

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



18.4527, 17.3305, 8.8511



12.4453, 17.3305, 13.9205



14.6386, 17.3305, 34.5203



21.2855, 17.3305, 24.8723

Rectangle

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



18.4527, 17.3305, 8.8511



14.4127, 17.3305, 9.0506



14.6386, 17.3305, 34.5203



18.7190, 17.3305, 34.0318

Sweetspot

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



18.4531, 17.3313, 8.8514



42.3819, 43.5128, 39.6042



17.2500, 12.1875, 16.8897



9.2837, 9.4974, 8.4332



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.



18.4531, 17.3313, 8.8514



30.2399, 27.2723, 10.7596



23.0030, 26.4311, 10.3681



6.0131, 6.2400, 6.1280



12.3237, 9.1618, 1.1189



0.1800, 0.1704, 0.0234

Inverse Universe

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



13.8064, 15.1190, 29.3848



21.0643, 22.8968, 51.2829



10.6246, 8.7555, 28.3243



5.7376, 6.1092, 7.3465



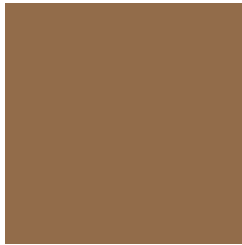
6.9266, 6.5480, 24.8299



0.1143, 0.1392, 0.3137

Previews

White Background



This preview shows how the XYZ color 18.4527, 17.3305, 8.8511 looks on a white background.

Color Contrast Check

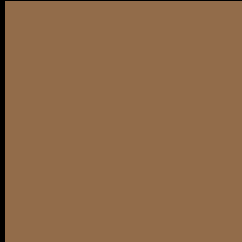
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4527, 17.3305, 8.8511 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 18.4527, 17.3305, 8.8511

Background



This preview shows how black text looks on a background with the XYZ color 18.4527, 17.3305, 8.8511.



This preview shows how white text looks on a background with the XYZ color 18.4527, 17.3305,

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

18.4527, 17.3305, 8.8511

Protanopia

16.1891, 17.4622, 9.5385

Deuteranopia

17.7023, 17.4254, 8.7338



Tritanopia

20.1139, 17.2378, 17.3060

Trichromacy



Original Color

18.4527, 17.3305, 8.8511

Protanomaly

16.8825, 17.3186, 9.2905

Deuteranomaly

17.9339, 17.3837, 8.7135

Tritanomaly

19.4689, 17.2809, 13.8647

Monochromacy



Original Color

18.4527, 17.3305, 8.8511

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.6986, 16.9441, 14.4470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4527, 17.3305, 8.8511 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(146, 108, 74)` looks like.

```
.text, #text, p{  
    color:rgb(146, 108, 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(146, 108, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 108, 74) }
```

Border

The CSS property to change the border of an element to XYZ 18.4527, 17.3305, 8.8511 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(146, 108, 74) }
```


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

```
.border{ border-color:rgb(146, 108, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 108, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 108, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 108, 74);  
box-shadow:4px 4px 4px 4px rgb(146, 108,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4527, 17.3305, 8.8511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 108, 74) }
```

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

```
.background{ background-color: rgb(146,  
108, 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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