

Converting Colors

XYZ(16.4790, 16.4222, 9.0021)

Have a look what the booklet for
XYZ(16.4790, 16.4222, 9.0021)
contains.

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Color

**XYZ(16.5702, 16.5136,
8.9707)**

Conversions

Conversions Part 1

Format	Color
Hex	866D4B
RGB	134, 109, 75
RGB Percent	53%, 43%, 29%
CMY	0.4745, 0.5725, 0.7059
CMYK	0.00, 0.19, 0.44, 0.47
HSL	35°, 28%, 41%
HSV	35°, 44%, 53%
XYZ	16.5702, 16.5136, 8.9707
YIQ	112.5990, 25.8140, -5.2740

Conversions

Conversions Part 2

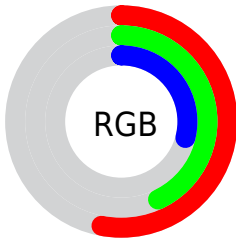
Format	Color
R_{YB}	118, 134, 75
Decimal	8809803
CIE _{Lab}	47.64, 5.00, 22.70
CIE _{LCh}	48, 23.244, 77.571
Yxy	16.5136, 0.3940, 0.3927
Android (android.graphics.Color)	4286999883 (0xFF866D4B)
YUV	112.5990, -18.5363, 18.7687
Hunter-Lab	40.6369, 1.6709, 15.3574

Details

The XYZ color **16.5702, 16.5136, 8.9707** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.7618, 12.3311, 24.3146**, and the grayscale version is **15.6254, 16.4391, 17.9022**.

A 20% lighter version of the original color is **36.9479, 37.2882, 24.3188**, and **5.5242, 5.3780, 1.9752** is the 20% darker color. If you saturate the color by 10%, you get **15.5729, 15.1773, 6.6090**, and if you desaturate by 10%, it is **17.7041, 17.9684, 11.8550**.

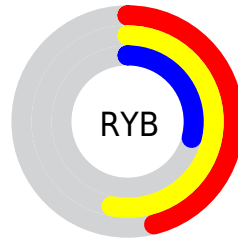
Distribution



Red (53%)

Green (43%)

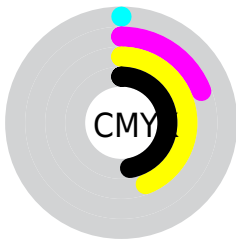
Blue (29%)



Red (46%)

Yellow (53%)

Blue (29%)

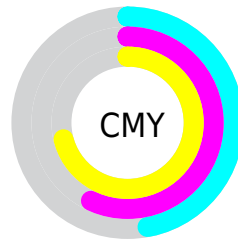


Cyan (0%)

Magenta (19%)

Yellow (44%)

Black (47%)



Cyan (47%)

Magenta (57%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5702, 16.5136, 8.9707 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 16.5702, 16.5136, 8.9707 by changing the saturation by 10% instead.

■ 16.5702, 16.5136,
8.9707

■ 16.5702, 16.5136,
8.9707

225.8881,
232.3536, 193.3692

■ 10.0219, 9.8883,
4.6255

■ 37.1348, 37.4876,
24.4174

■ 5.4759, 5.3250,
1.9744

■ 51.8819, 52.6050,
36.3560

■ 2.5667, 2.4392,
0.5395

■ 70.0926, 71.3220,
51.6628

■ 0.9290, 0.8459,
0.0000

■ 92.1323, 94.0229,
70.7564

■ 0.0000, 0.0000,
0.0000

■ 118.3663,
121.0922, 94.0553

149.1601,

152.9141, 121.9780

184.8789,
189.8731, 154.9431

■ 16.5702, 16.5136,
8.9707

■ 16.5702, 16.5136,
8.9707

■ 15.5729, 15.1773,
6.6090

■ 17.7041, 17.9684,
11.8550

■ 14.7041, 13.9532,
4.7363

■ 18.9796, 19.5430,
15.2906

■ 13.9567, 12.8379,
3.3170

■ 20.4031, 21.2416,
19.3051

■ 13.3220, 11.8266,
2.3097

■ 21.9799, 23.0675,
23.9242

■ 12.7894, 10.9139,
1.6623

■ 23.7154, 25.0239,
29.1718

■ 12.5013, 10.4079,
1.3500

■ 25.6143, 27.1136,
35.0708

■ 27.6815, 29.3397,
41.6426

■ 29.9213, 31.7049,
48.9078

■ 32.3381, 34.2119,
56.8862

Harmonies

Analogous

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



18.5444, 16.5136, 10.7962



16.5702, 16.5136, 8.9707



14.5217, 16.5136, 9.1386

Triad

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



16.5702, 16.5136, 8.9707



12.1909, 16.5136, 21.6555



18.8288, 16.5136, 26.8444

Complementary

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



16.5702, 16.5136, 8.9707



11.7618, 12.3311, 24.3146

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.



16.9313, 16.5136, 31.2225



16.5702, 16.5136, 8.9707



13.1547, 16.5136, 27.8025

Square

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



16.5702, 16.5136, 8.9707



12.1128, 16.5136, 15.6315



14.8525, 16.5136, 31.6074



19.9235, 16.5136, 20.5538

Rectangle

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



16.5702, 16.5136, 8.9707



13.3864, 16.5136, 10.3591



14.8525, 16.5136, 31.6074



18.2564, 16.5136, 28.6433

Sweetspot

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



16.5706, 16.5144, 8.9710



36.1451, 37.6567, 34.5811



14.6755, 11.0318, 13.5570



8.0287, 8.3491, 7.4619



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



16.5706, 16.5144, 8.9710



27.4153, 26.7099, 11.5934



19.0114, 22.3094, 9.9609



4.8788, 5.1011, 4.9568



11.7263, 9.7752, 1.2688



0.0479, 0.0484, 0.0068

Inverse Universe

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



11.7618, 12.3311, 24.3146



17.7867, 18.3419, 42.3413



10.0382, 8.4130, 23.6492



4.5846, 4.8449, 5.8943



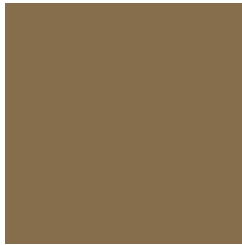
5.4036, 4.3549, 21.6925



0.0257, 0.0290, 0.0775

Previews

White Background



This preview shows how the XYZ color 16.5702, 16.5136, 8.9707 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 16.5702, 16.5136, 8.9707 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 16.5702, 16.5136, 8.9707

Background



This preview shows how black text looks on a background with the XYZ color 16.5702, 16.5136, 8.9707.



This preview shows how white text looks on a background with the XYZ color 16.5702, 16.5136,

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

16.5702, 16.5136, 8.9707

Protanopia

15.4131, 16.5570, 9.4046

Deuteranopia

16.7859, 16.4674, 8.9504



Tritanopia

18.3562, 16.4738, 17.5415

Trichromacy



Original Color

16.5702, 16.5136, 8.9707

Protanomaly

15.8511, 16.6222, 9.2104

Deuteranomaly

16.6242, 16.3840, 8.9429

Tritanomaly

17.7227, 16.5273, 14.0604

Monochromacy



Original Color

16.5702, 16.5136, 8.9707

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.9315, 16.5541, 14.1600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5702, 16.5136, 8.9707 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(134, 109, 75)` looks like.

```
.text, #text, p{  
    color:rgb(134, 109, 75)  
}
```

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(134, 109, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 109, 75) }
```

Border

The CSS property to change the border of an element to XYZ 16.5702, 16.5136, 8.9707 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(134, 109, 75) }
```


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

```
.border{ border-color:rgb(134, 109, 75) }
```

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

Here you see how a box with a 4 pixel rgb(134, 109, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 109, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 109, 75);  
box-shadow:4px 4px 4px 4px rgb(134, 109,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5702, 16.5136, 8.9707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 109, 75) }
```

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

```
.background{ background-color: rgb(134,  
109, 75) }
```

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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