

Converting Colors

XYZ(17.9547, 16.2280, 4.5714)

Have a look what the booklet for
XYZ(17.9547, 16.2280, 4.5714)
contains.

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Color

**XYZ(17.9685, 16.2639,
4.5751)**

Conversions

Conversions Part 1

Format	Color
Hex	97662C
RGB	151, 102, 44
RGB Percent	59%, 40%, 17%
CMY	0.4078, 0.6000, 0.8274
CMYK	0.00, 0.32, 0.71, 0.41
HSL	33°, 55%, 38%
HSV	33°, 71%, 59%
XYZ	17.9685, 16.2639, 4.5751
YIQ	110.0390, 47.8220, -7.6500

Conversions

Conversions Part 2

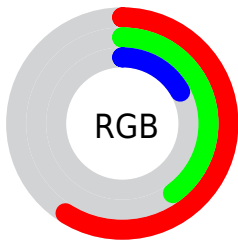
Format	Color
R_{YB}	134, 151, 44
Decimal	9922092
CIE _{Lab}	47.32, 14.04, 39.64
CIE _{LCh}	47, 42.052, 70.499
Yxy	16.2639, 0.4630, 0.4191
Android (android.graphics.Color)	4288112172 (0xFF97662C)
YUV	110.0390, -32.5572, 35.9228
Hunter-Lab	40.3285, 8.9563, 21.5038

Details

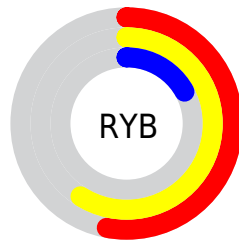
The XYZ color **17.9685, 16.2639, 4.5751** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.5388, 10.5981, 30.7682**, and the grayscale version is **14.9135, 15.6902, 17.0866**.

A 20% lighter version of the original color is **39.6615, 37.1281, 15.4320**, and **6.1901, 5.2192, 0.6811** is the 20% darker color. If you saturate the color by 10%, you get **17.0833, 14.8681, 3.1255**, and if you desaturate by 10%, it is **19.0145, 17.8160, 6.5882**.

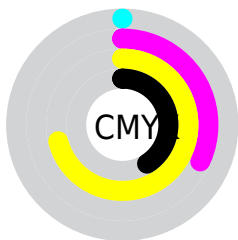
Distribution



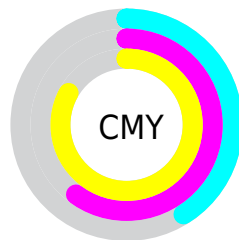
- Red (59%)
- Green (40%)
- Blue (17%)



- Red (53%)
- Yellow (59%)
- Blue (17%)



- Cyan (0%)
- Magenta (32%)
- Yellow (71%)
- Black (41%)





- Cyan (41%)
- Magenta (60%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.9685, 16.2639, 4.5751 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 17.9685, 16.2639, 4.5751 by changing the saturation by 10% instead.


 17.9685, 16.2639,
4.5751


 17.9685, 16.2639,
4.5751


233.7425,
230.8939, 154.4179


 11.0269, 9.7111,
1.9459


 39.5141, 37.0557,
15.3158


 6.1524, 5.2078,
0.5217


 54.8489, 52.0636,
24.2643

 2.9795, 2.3697,
0.0000

 73.7122, 70.6585,
36.1563

 1.1429, 0.8102,
0.0000

 96.4692, 93.2250,
51.4104

 0.0606, 0.0000,
0.0000

 123.4854,
120.1474, 70.4450

 0.0000, 0.0000,
0.0000

 155.1261,

151.8100, 93.6788

191.7567,
188.5974, 121.5302

■ 17.9685, 16.2639,
4.5751

■ 17.9685, 16.2639,
4.5751

■ 17.0833, 14.8681,
3.1255

■ 19.0145, 17.8160,
6.5882

■ 16.3445, 13.6187,
2.1757

■ 20.2314, 19.5288,
9.2174

■ 15.7688, 12.5921,
1.5994

■ 21.6300, 21.4090,
12.5101

■ 23.2193, 23.4624,
16.5089

■ 25.0080, 25.6944,
21.2526

■ 27.0039, 28.1100,
26.7774

■ 29.2146, 30.7139,
33.1170

■ 31.6470, 33.5109,
40.3030

■ 34.3080, 36.5053,
48.3655

Harmonies

Analogous

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



21.5534, 16.2639, 7.4661



17.9685, 16.2639, 4.5751



14.1926, 16.2639, 4.2461

Triad

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



17.9685, 16.2639, 4.5751



9.4432, 16.2639, 21.7052



20.5786, 16.2639, 38.2729

Complementary

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



17.9685, 16.2639, 4.5751



10.5388, 10.5981, 30.7682

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.



16.7972, 16.2639, 46.4130



17.9685, 16.2639, 4.5751



10.6366, 16.2639, 34.6002

Square

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



17.9685, 16.2639, 4.5751



9.6538, 16.2639, 11.7180



13.1936, 16.2639, 44.8505



23.2195, 16.2639, 25.4562

Rectangle

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



17.9685, 16.2639, 4.5751



12.1081, 16.2639, 5.2809



13.1936, 16.2639, 44.8505



19.3757, 16.2639, 41.8409

Sweetspot

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



17.9689, 16.2647, 4.5754



44.5972, 45.7830, 37.5481



15.6806, 9.1878, 11.5212



9.9459, 10.1706, 8.0217



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.9689, 16.2647, 4.5754



29.7911, 25.2889, 4.5030



23.6316, 28.5581, 6.6498



6.4722, 6.7496, 6.5675



13.4438, 10.7699, 1.3702



0.2373, 0.2337, 0.0326

Inverse Universe

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



10.5388, 10.5981, 30.7682



15.6646, 14.5520, 54.4169



7.6853, 4.6538, 29.7712



6.1058, 6.4690, 7.8558



6.5980, 5.5927, 25.6394



0.1344, 0.1552, 0.3952

Previews

White Background



This preview shows how the XYZ color 17.9685, 16.2639, 4.5751 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 17.9685, 16.2639, 4.5751 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 17.9685, 16.2639, 4.5751

Background



This preview shows how black text looks on a background with the XYZ color 17.9685, 16.2639, 4.5751.



This preview shows how white text looks on a background with the XYZ color 17.9685, 16.2639,

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

17.9685, 16.2639, 4.5751

Protanopia

14.8757, 16.3755, 5.0661

Deuteranopia

16.5090, 16.2653, 4.5549



Tritanopia

20.1486, 16.3136, 14.9189

Trichromacy



Original Color

17.9685, 16.2639, 4.5751

Protanomaly

15.7933, 16.2029, 4.8798

Deuteranomaly

16.9892, 16.2069, 4.5183

Tritanomaly

19.2171, 16.2146, 10.0995

Monochromacy



Original Color

17.9685, 16.2639, 4.5751

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.3949, 15.5472, 10.9936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9685, 16.2639, 4.5751 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(151, 102, 44)` looks like.

```
.text, #text, p{  
    color:rgb(151, 102, 44)  
}
```

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(151, 102, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 102, 44) }
```

Border

The CSS property to change the border of an element to XYZ 17.9685, 16.2639, 4.5751 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(151, 102, 44) }
```


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

```
.border{ border-color:rgb(151, 102, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 102, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 102, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 102, 44);  
box-shadow:4px 4px 4px 4px rgb(151, 102,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9685, 16.2639, 4.5751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 102, 44) }
```

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

```
.background{ background-color: rgb(151,  
102, 44) }
```

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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