

Converting Colors

XYZ(19.0327, 18.0651, 5.8386)

Have a look what the booklet for
XYZ(19.0327, 18.0651, 5.8386)
contains.

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Color

**XYZ(18.9810, 17.9882,
5.8398)**

Conversions

Conversions Part 1

Format	Color
Hex	976E35
RGB	151, 110, 53
RGB Percent	59%, 43%, 21%
CMY	0.4078, 0.5686, 0.7922
CMYK	0.00, 0.27, 0.65, 0.41
HSL	35°, 48%, 40%
HSV	35°, 65%, 59%
XYZ	18.9810, 17.9882, 5.8398
YIQ	115.7610, 42.7330, -9.0350

Conversions

Conversions Part 2

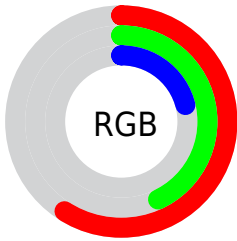
Format	Color
R_{YB}	123, 151, 53
Decimal	9924149
CIE _{Lab}	49.48, 10.01, 37.48
CIE _{LCh}	49, 38.789, 75.049
Yxy	17.9882, 0.4434, 0.4202
Android (android.graphics.Color)	4288114229 (0xFF976E35)
YUV	115.7610, -30.9412, 30.9046
Hunter-Lab	42.4125, 5.6628, 21.5251

Details

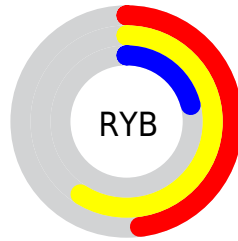
The XYZ color **18.9810, 17.9882, 5.8398** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.0566, 10.9961, 30.8176**, and the grayscale version is **16.6102, 17.4752, 19.0305**.

A 20% lighter version of the original color is **41.1556, 39.8589, 18.0948**, and **6.6233, 6.0506, 0.9337** is the 20% darker color. If you saturate the color by 10%, you get **18.0296, 16.5564, 4.0708**, and if you desaturate by 10%, it is **20.0913, 19.5628, 8.2021**.

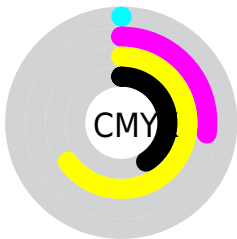
Distribution



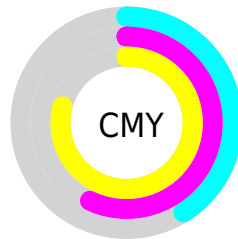
- Red (59%)
- Green (43%)
- Blue (21%)



- Red (48%)
- Yellow (59%)
- Blue (21%)



- Cyan (0%)
- Magenta (27%)
- Yellow (65%)
- Black (41%)



- Cyan (41%)
- Magenta (57%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9810, 17.9882, 5.8398 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 18.9810, 17.9882, 5.8398 by changing the saturation by 10% instead.

■ 18.9810, 17.9882,
5.8398

■ 18.9810, 17.9882,
5.8398

239.2840,
240.8045, 166.8889

■ 11.7605, 10.9415,
2.6807

■ 41.2191, 40.0172,
18.0694

■ 6.6518, 6.0275,
0.9337

■ 56.9674, 55.7683,
27.9769

■ 3.2897, 2.8618,
0.0000

■ 76.2890, 75.1897,
40.9710

■ 1.3088, 1.0600,
0.0000

■ 99.5493, 98.6658,
57.4702

■ 0.1898, 0.0000,
0.0000

■ 127.1135,
126.5809, 77.8931

■ 0.0000, 0.0000,
0.0000

■ 159.3472,

159.3195, 102.6581

196.6155,
197.2659, 132.1839

■ 18.9810, 17.9882,
5.8398

■ 18.9810, 17.9882,
5.8398

■ 18.0296, 16.5564,
4.0708

■ 20.0913, 19.5628,
8.2021

■ 17.2241, 15.2584,
2.8376

■ 21.3696, 21.2831,
11.2062

■ 16.5503, 14.0876,
2.0680

■ 22.8255, 23.1553,
14.8964

■ 16.2384, 13.5312,
1.7559

■ 24.4675, 25.1843,
19.3130

■ 26.3035, 27.3746,
24.4929

■ 28.3409, 29.7306,
30.4708

■ 30.5866, 32.2564,
37.2791

■ 33.0473, 34.9560,
44.9482

■ 35.7291, 37.8333,
53.5072

Harmonies

Analogous

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



22.5764, 17.9882, 8.4914



18.9810, 17.9882, 5.8398



15.3315, 17.9882, 5.8438

Triad

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



18.9810, 17.9882, 5.8398



11.1536, 17.9882, 25.3093



22.5868, 17.9882, 37.5905

Complementary

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



18.9810, 17.9882, 5.8398



11.0566, 10.9961, 30.8176

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.



18.9936, 17.9882, 46.2647



18.9810, 17.9882, 5.8398



12.5851, 17.9882, 37.6285

Square

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



18.9810, 17.9882, 5.8398



11.1512, 17.9882, 14.8260



15.3424, 17.9882, 46.2807



24.8518, 17.9882, 25.2695

Rectangle

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



18.9810, 17.9882, 5.8398



13.3603, 17.9882, 7.2720



15.3424, 17.9882, 46.2807



21.4732, 17.9882, 41.1969

Sweetspot

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



18.9814, 17.9891, 5.8401



45.5897, 47.2311, 39.5344



16.1224, 9.9603, 12.0110



10.1657, 10.5003, 8.4340



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.



18.9814, 17.9891, 5.8401



31.5853, 28.5377, 6.1481



23.2924, 28.3615, 7.6150



6.4922, 6.7895, 6.5742



13.8431, 11.5686, 1.5033



0.2428, 0.2447, 0.0344

Inverse Universe

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



11.0566, 10.9961, 30.8176



16.2936, 15.0901, 54.4876



8.6945, 5.7269, 29.9251



6.0862, 6.4297, 7.8493



6.2992, 4.9950, 25.5398



0.1289, 0.1442, 0.3934

Previews

White Background



This preview shows how the XYZ color 18.9810, 17.9882, 5.8398 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 18.9810, 17.9882, 5.8398 looks on a black 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

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

XYZ 18.9810, 17.9882, 5.8398

Background



This preview shows how black text looks on a background with the XYZ color 18.9810, 17.9882, 5.8398.



This preview shows how white text looks on a background with the XYZ color 18.9810, 17.9882,

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

18.9810, 17.9882, 5.8398

Protanopia

16.5523, 18.0677, 6.3564

Deuteranopia

18.2681, 17.9473, 5.7501



Tritanopia

21.3371, 18.0169, 17.3919

Trichromacy



Original Color

18.9810, 17.9882, 5.8398

Protanomaly

17.3016, 17.9406, 6.1654

Deuteranomaly

18.5170, 17.9127, 5.7304

Tritanomaly

20.3259, 17.9163, 12.0598

Monochromacy



Original Color

18.9810, 17.9882, 5.8398

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.0464, 17.4921, 12.8338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9810, 17.9882, 5.8398 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, 110, 53)` looks like.

```
.text, #text, p{  
    color:rgb(151, 110, 53)  
}
```

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, 110, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 110, 53) }
```

Border

The CSS property to change the border of an element to XYZ 18.9810, 17.9882, 5.8398 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, 110, 53) }
```


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

```
.border{ border-color:rgb(151, 110, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 110, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 110, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 110, 53);  
box-shadow:4px 4px 4px 4px rgb(151, 110,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9810, 17.9882, 5.8398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 110, 53) }
```

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

```
.background{ background-color: rgb(151,  
110, 53) }
```

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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