

Converting Colors

XYZ(18.9273, 17.9044, 8.4218)

Have a look what the booklet for
XYZ(18.9273, 17.9044, 8.4218)
contains.

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Color

**XYZ(18.9260, 17.9027,
8.4193)**

Conversions

Conversions Part 1

Format	Color
Hex	946E47
RGB	148, 110, 71
RGB Percent	58%, 43%, 28%
CMY	0.4196, 0.5686, 0.7216
CMYK	0.00, 0.26, 0.52, 0.42
HSL	30°, 35%, 43%
HSV	30°, 52%, 58%
XYZ	18.9260, 17.9027, 8.4193
YIQ	116.9160, 35.1670, -4.0730

Conversions

Conversions Part 2

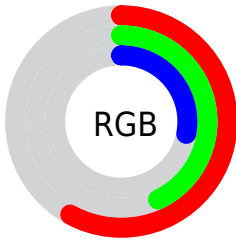
Format	Color
R_{YB}	146, 148, 71
Decimal	9727559
CIE _{Lab}	49.38, 10.17, 27.51
CIE _{LCh}	49, 29.335, 69.710
Yxy	17.9027, 0.4183, 0.3957
Android (android.graphics.Color)	4287917639 (0xFF946E47)
YUV	116.9160, -22.6366, 27.2607
Hunter-Lab	42.3116, 5.7979, 17.8204

Details

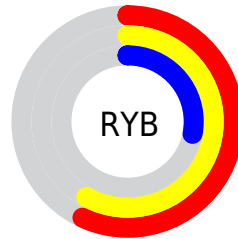
The XYZ color **18.9260, 17.9027, 8.4193** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.4122, 14.4144, 30.0922**, and the grayscale version is **16.9431, 17.8255, 19.4120**.

A 20% lighter version of the original color is **41.2123, 40.0341, 23.3245**, and **6.6284, 5.9527, 1.7769** is the 20% darker color. If you saturate the color by 10%, you get **17.7520, 16.2245, 5.9632**, and if you desaturate by 10%, it is **20.2816, 19.7589, 11.5071**.

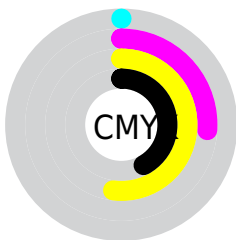
Distribution



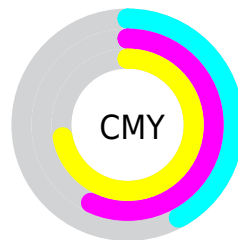
- Red (58%)
- Green (43%)
- Blue (28%)



- Red (57%)
- Yellow (58%)
- Blue (28%)



- Cyan (0%)
- Magenta (26%)
- Yellow (52%)
- Black (42%)



- Cyan (42%)
- Magenta (57%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9260, 17.9027, 8.4193 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 18.9260, 17.9027, 8.4193 by changing the saturation by 10% instead.

■ 18.9260, 17.9027,
8.4193

■ 18.9260, 17.9027,
8.4193

238.9859,
240.3220, 189.0405

■ 11.7205, 10.8802,
4.2728

■ 41.1269, 39.8715,
23.3360

■ 6.6245, 5.9863,
1.7762

■ 56.8529, 55.5865,
34.9433

■ 3.2726, 2.8368,
0.4122

■ 76.1499, 74.9677,
49.8747

■ 1.2995, 1.0471,
0.0000

■ 99.3832, 98.3997,
68.5485

■ 0.1829, 0.0000,
0.0000

■ 126.9180,
126.2667, 91.3835

■ 0.0000, 0.0000,
0.0000

159.1199,

158.9532, 118.7982

196.3540,
196.8435, 151.2110

■ 18.9260, 17.9027,
8.4193

■ 18.9260, 17.9027,
8.4193

■ 17.7520, 16.2245,
5.9632

■ 20.2816, 19.7589,
11.5071

■ 16.7481, 14.7150,
4.0923

■ 21.8266, 21.7965,
15.2665

■ 15.9034, 13.3682,
2.7550

■ 23.5699, 24.0221,
19.7354

■ 15.2048, 12.1758,
1.8903

■ 25.5195, 26.4411,
24.9486

■ 14.7266, 11.3237,
1.4095

■ 27.6828, 29.0587,
30.9384

■ 30.0669, 31.8799,
37.7353

■ 32.6784, 34.9093,
45.3681

■ 35.5237, 38.1516,
53.8644

■ 38.6089, 41.6111,
63.2501

Harmonies

Analogous

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



21.4400, 17.9027, 11.2967



18.9260, 17.9027, 8.4193



16.1353, 17.9027, 8.0111

Triad

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



18.9260, 17.9027, 8.4193



12.2972, 17.9027, 22.1743



20.6419, 17.9027, 33.7009

Complementary

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



18.9260, 17.9027, 8.4193



13.4122, 14.4144, 30.0922

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.



17.9281, 17.9027, 38.6708



18.9260, 17.9027, 8.4193



13.2466, 17.9027, 30.9228

Square

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



18.9260, 17.9027, 8.4193



12.5025, 17.9027, 14.6776



15.2390, 17.9027, 37.5355



22.5027, 17.9027, 25.2609

Rectangle

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



18.9260, 17.9027, 8.4193



14.5158, 17.9027, 9.0374



15.2390, 17.9027, 37.5355



19.7879, 17.9027, 35.9241

Sweetspot

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



18.9264, 17.9036, 8.4197



43.5058, 44.7793, 39.9069



17.2534, 11.9174, 16.0006



9.7864, 10.0421, 8.7225



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.9264, 17.9036, 8.4197



31.0923, 28.2890, 10.0686



23.9399, 27.9305, 10.0908



6.0290, 6.2718, 6.1333



12.6063, 9.7269, 1.2131



0.1838, 0.1780, 0.0247

Inverse Universe

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



13.4122, 14.4144, 30.0922



20.2960, 21.4593, 52.5069



10.1972, 7.9844, 29.0205



5.7216, 6.0773, 7.3412



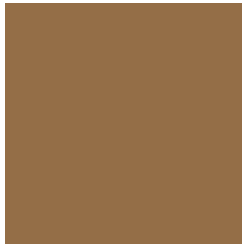
6.6298, 5.9544, 24.7309



0.1105, 0.1316, 0.3125

Previews

White Background



This preview shows how the XYZ color 18.9260, 17.9027, 8.4193 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 18.9260, 17.9027, 8.4193 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 18.9260, 17.9027, 8.4193

Background



This preview shows how black text looks on a background with the XYZ color 18.9260, 17.9027, 8.4193.



This preview shows how white text looks on a background with the XYZ color 18.9260, 17.9027,

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

18.9260, 17.9027, 8.4193

Protanopia

16.6166, 18.0405, 9.0849

Deuteranopia

18.2592, 17.8829, 8.4506



Tritanopia

20.9811, 17.9708, 17.9857

Trichromacy



Original Color

18.9260, 17.9027, 8.4193

Protanomaly

17.3250, 17.8934, 8.8440

Deuteranomaly

18.4988, 17.8436, 8.4304

Tritanomaly

20.2248, 17.9765, 13.9591

Monochromacy



Original Color

18.9260, 17.9027, 8.4193

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.2197, 17.5439, 14.5353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9260, 17.9027, 8.4193 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(148, 110, 71)` looks like.

```
.text, #text, p{  
    color:rgb(148, 110, 71)  
}
```

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(148, 110, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 110, 71) }
```

Border

The CSS property to change the border of an element to XYZ 18.9260, 17.9027, 8.4193 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(148, 110, 71) }
```


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

```
.border{ border-color:rgb(148, 110, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 110, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 110, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 110, 71);  
box-shadow:4px 4px 4px 4px rgb(148, 110,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9260, 17.9027, 8.4193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 110, 71) }
```

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

```
.background{ background-color: rgb(148,  
110, 71) }
```

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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