

Converting Colors

XYZ(19.4424, 17.5003, 9.3622)

Have a look what the booklet for
XYZ(19.4424, 17.5003, 9.3622)
contains.

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Color

**XYZ(19.4425, 17.5193,
9.3780)**

Conversions

Conversions Part 1

Format	Color
Hex	986A4D
RGB	152, 106, 77
RGB Percent	60%, 42%, 30%
CMY	0.4039, 0.5843, 0.6980
CMYK	0.00, 0.30, 0.49, 0.40
HSL	23°, 33%, 45%
HSV	23°, 49%, 60%
XYZ	19.4425, 17.5193, 9.3780
YIQ	116.4480, 36.7250, 0.7330

Conversions

Conversions Part 2

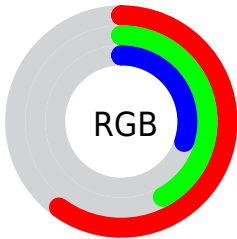
Format	Color
R_{YB}	152, 124, 77
Decimal	9988685
CIE Lab	48.91, 14.83, 23.59
CIE LCh	49, 27.861, 57.838
Yxy	17.5193, 0.4196, 0.3781
Android (android.graphics.Color)	4288178765 (0xFF986A4D)
YUV	116.4480, -19.4479, 31.1791
Hunter-Lab	41.8561, 9.6667, 16.0151

Details

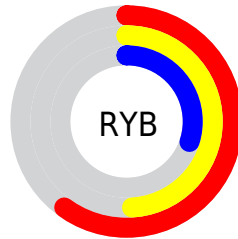
The XYZ color **19.4425, 17.5193, 9.3780** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **15.8107, 18.0099, 32.3487**, and the grayscale version is **16.7885, 17.6629, 19.2348**.

A 20% lighter version of the original color is **41.8353, 39.0302, 25.0673**, and **6.8617, 5.8289, 2.1299** is the 20% darker color. If you saturate the color by 10%, you get **18.0583, 15.5118, 6.5712**, and if you desaturate by 10%, it is **21.0574, 19.7876, 12.8809**.

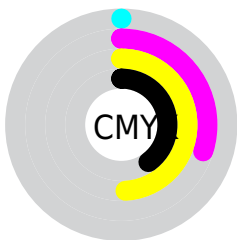
Distribution



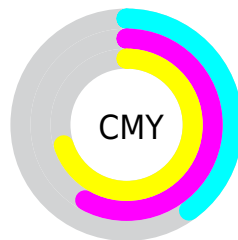
- Red (60%)
- Green (42%)
- Blue (30%)



- Red (60%)
- Yellow (49%)
- Blue (30%)



- Cyan (0%)
- Magenta (30%)
- Yellow (49%)
- Black (40%)





- Cyan (40%)
- Magenta (58%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.4425, 17.5193, 9.3780 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 19.4425, 17.5193, 9.3780 by changing the saturation by 10% instead.


 19.4425, 17.5193,
9.3780


 19.4425, 17.5193,
9.3780


241.7723,
238.1474, 196.4940


 12.0964, 10.6054,
4.8884


 41.9916, 39.2165,
25.2081


 6.8820, 5.8022,
2.1243


 57.9253, 54.7686,
37.3856

 3.4341, 2.7252,
0.6302

 77.4522, 73.9689,
52.9629

 1.3873, 0.9900,
0.0000

 100.9376, 97.2019,
72.3584

 0.2471, 0.0000,
0.0000

 128.7470,
124.8518, 95.9907

 0.0000, 0.0000,
0.0000

161.2457,

157.3031, 124.2784

198.7990,
194.9402, 157.6400

■ 19.4425, 17.5193,
9.3780

■ 19.4425, 17.5193,
9.3780

■ 18.0583, 15.5118,
6.5712

■ 21.0574, 19.7876,
12.8809

■ 16.8914, 13.7523,
4.4115

■ 22.9130, 22.3237,
17.1220

■ 15.9286, 12.2307,
2.8454

■ 25.0200, 25.1374,
22.1415

■ 15.1546, 10.9348,
1.8100

■ 27.3883, 28.2373,
27.9761

■ 14.5387, 9.8462,
1.1630

■ 30.0269, 31.6316,
34.6603

■ 14.5016, 9.7808,
1.1236

■ 32.9445, 35.3281,
42.2267

■ 36.1496, 39.3343,
50.7059

■ 39.6499, 43.6574,
60.1272

■ 43.4532, 48.3045,
70.5186

Harmonies

Analogous

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



21.4493, 17.5193, 13.1660



19.4425, 17.5193, 9.3780



16.8399, 17.5193, 8.0868

Triad

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



19.4425, 17.5193, 9.3780



12.1587, 17.5193, 18.5432



19.0843, 17.5193, 34.6508

Complementary

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



19.4425, 17.5193, 9.3780



15.8107, 18.0099, 32.3487

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.



16.4646, 17.5193, 37.1481



19.4425, 17.5193, 9.3780



12.6286, 17.5193, 26.5321

Square

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



19.4425, 17.5193, 9.3780



12.7853, 17.5193, 12.4523



14.1414, 17.5193, 33.8569



21.2279, 17.5193, 27.7089

Rectangle

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



19.4425, 17.5193, 9.3780



15.1737, 17.5193, 8.4736



14.1414, 17.5193, 33.8569



18.2224, 17.5193, 36.1057

Sweetspot

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



19.4429, 17.5202, 9.3783



45.7993, 46.5242, 43.0757



19.1937, 13.4196, 20.3998



10.2293, 10.3375, 9.3492



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.



19.4429, 17.5202, 9.3783



31.6948, 27.1135, 11.2502



24.1485, 26.9313, 10.9469



6.3949, 6.5949, 6.5417



12.1876, 8.2576, 0.9515



0.2158, 0.1907, 0.0254

Inverse Universe

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



15.8107, 18.0099, 32.3487



24.5101, 28.0398, 56.5541



12.0361, 10.4607, 31.0905



6.1839, 6.6251, 7.8818



8.0809, 8.5585, 26.1338



0.1559, 0.1982, 0.4024

Previews

White Background



This preview shows how the XYZ color 19.4425, 17.5193, 9.3780 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 19.4425, 17.5193, 9.3780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

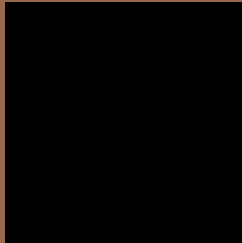
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.4425, 17.5193, 9.3780

Background



This preview shows how black text looks on a background with the XYZ color 19.4425, 17.5193, 9.3780.



This preview shows how white text looks on a background with the XYZ color 19.4425, 17.5193,

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

19.4425, 17.5193, 9.3780

Protanopia

16.3348, 17.5205, 10.3054

Deuteranopia

17.8042, 17.4661, 9.2704



Tritanopia

21.0293, 17.5754, 16.7520

Trichromacy



Original Color

19.4425, 17.5193, 9.3780

Protanomaly

17.2338, 17.3184, 10.0239

Deuteranomaly

18.2747, 17.3884, 9.2306

Tritanomaly

20.3343, 17.4336, 13.6025

Monochromacy



Original Color

19.4425, 17.5193, 9.3780

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.2457, 17.2148, 14.9842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4425, 17.5193, 9.3780 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(152, 106, 77)` looks like.

```
.text, #text, p{  
    color:rgb(152, 106, 77)  
}
```

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(152, 106, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 106, 77) }
```

Border

The CSS property to change the border of an element to XYZ 19.4425, 17.5193, 9.3780 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(152, 106, 77) }
```


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

```
.border{ border-color:rgb(152, 106, 77) }
```

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

Here you see how a box with a 4 pixel rgb(152, 106, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 106, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 106, 77);  
box-shadow:4px 4px 4px 4px rgb(152, 106,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4425, 17.5193, 9.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 106, 77) }
```

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

```
.background{ background-color: rgb(152,  
106, 77) }
```

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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