

Converting Colors

XYZ(19.4479, 17.6990, 7.0351)

Have a look what the booklet for
XYZ(19.4479, 17.6990, 7.0351)
contains.

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Color

**XYZ(19.4813, 17.7443,
7.1008)**

Conversions

Conversions Part 1

Format	Color
Hex	9A6B3F
RGB	154, 107, 63
RGB Percent	60%, 42%, 25%
CMY	0.3961, 0.5804, 0.7529
CMYK	0.00, 0.31, 0.59, 0.40
HSL	29°, 42%, 43%
HSV	29°, 59%, 60%
XYZ	19.4813, 17.7443, 7.1008
YIQ	116.0370, 42.1360, -3.7200

Conversions

Conversions Part 2

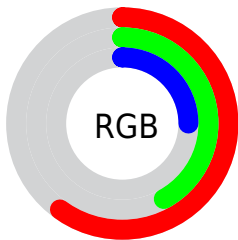
Format	Color
RYB	154, 148, 63
Decimal	10119999
CIELab	49.18, 13.83, 31.88
CIELCh	49, 34.756, 66.545
Yxy	17.7443, 0.4395, 0.4003
Android (android.graphics.Color)	4288310079 (0xFF9A6B3F)
YUV	116.0370, -26.1472, 33.2936
Hunter-Lab	42.1240, 8.8349, 19.4923

Details

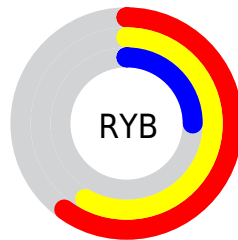
The XYZ color **19.4813, 17.7443, 7.1008** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.4582, 14.5409, 32.6690**, and the grayscale version is **16.6808, 17.5495, 19.1114**.

A 20% lighter version of the original color is **42.0155, 39.4725, 20.7337**, and **6.9726, 5.9815, 1.3174** is the 20% darker color. If you saturate the color by 10%, you get **18.3183, 16.0135, 4.8788**, and if you desaturate by 10%, it is **20.8418, 19.6776, 9.9830**.

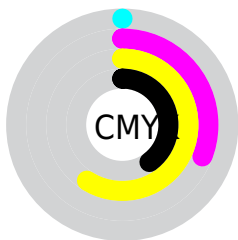
Distribution



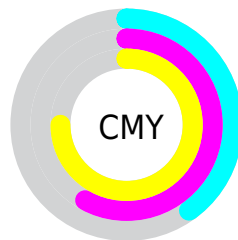
- Red (60%)
- Green (42%)
- Blue (25%)



- Red (60%)
- Yellow (58%)
- Blue (25%)



- Cyan (0%)
- Magenta (31%)
- Yellow (59%)
- Black (40%)



- Cyan (40%)
- Magenta (58%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4813, 17.7443, 7.1008 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 19.4813, 17.7443, 7.1008 by changing the saturation by 10% instead.

■ 19.4813, 17.7443,
7.1008

■ 19.4813, 17.7443,
7.1008

241.9805,
239.4258, 178.1613

■ 12.1246, 10.7666,
3.4458

■ 42.0564, 39.6011,
20.6920

■ 6.9014, 5.9101,
1.3265

■ 58.0056, 55.2490,
31.4653

■ 3.4463, 2.7905,
0.0834

■ 77.5497, 74.5558,
45.4485

■ 1.3939, 1.0234,
0.0000

■ 101.0539, 97.9057,
63.0601

■ 0.2519, 0.0000,
0.0000

■ 128.8838,
125.6833, 84.7186

■ 0.0000, 0.0000,
0.0000

■ 161.4046,

158.2729, 110.8426

198.9817,
196.0590, 141.8507

■ 19.4813, 17.7443,
7.1008

■ 19.4813, 17.7443,
7.1008

■ 18.3183, 16.0135,
4.8788

■ 20.8418, 19.6776,
9.9830

■ 17.3393, 14.4743,
3.2608

■ 22.4097, 21.8183,
13.5731

■ 16.5303, 13.1186,
2.1831

■ 24.1955, 24.1745,
17.9157

■ 15.8631, 11.9313,
1.5071

■ 26.2087, 26.7527,
23.0511

■ 15.8065, 11.8303,
1.4504

■ 28.4580, 29.5594,
29.0169

■ 30.9518, 32.6007,
35.8483

■ 33.6978, 35.8822,
43.5785

■ 36.7036, 39.4097,
52.2386

■ 39.9763, 43.1885,
61.8587

Harmonies

Analogous

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



22.4099, 17.7443, 10.4920



19.4813, 17.7443, 7.1008



16.1621, 17.7443, 6.4236

Triad

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



19.4813, 17.7443, 7.1008



11.3803, 17.7443, 21.4364



20.8735, 17.7443, 37.5952

Complementary

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



19.4813, 17.7443, 7.1008



13.4582, 14.5409, 32.6690

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.



17.5889, 17.7443, 43.1599



19.4813, 17.7443, 7.1008



12.3203, 17.7443, 32.0798

Square

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



19.4813, 17.7443, 7.1008



11.7507, 17.7443, 13.0281



14.4949, 17.7443, 40.8703



23.2833, 17.7443, 27.3694

Rectangle

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



19.4813, 17.7443, 7.1008



14.2202, 17.7443, 7.3124



14.4949, 17.7443, 40.8703



19.8199, 17.7443, 40.2009

Sweetspot

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



19.4817, 17.7452, 7.1011



47.8938, 48.9565, 42.6128



17.9193, 11.5513, 16.0418



10.6022, 10.7794, 9.0263



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



19.4817, 17.7452, 7.1011



32.6480, 28.1198, 7.7662



25.5303, 29.8424, 9.1173



6.4429, 6.6909, 6.5577



12.9136, 9.7096, 1.1935



0.2292, 0.2175, 0.0299

Inverse Universe

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



13.4582, 14.5409, 32.6690



20.6553, 21.7308, 58.6421



9.7454, 7.1153, 31.4314



6.1351, 6.5275, 7.8655



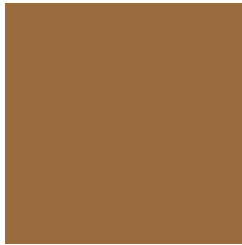
7.0974, 6.5914, 25.8059



0.1425, 0.1714, 0.3979

Previews

White Background



This preview shows how the XYZ color 19.4813, 17.7443, 7.1008 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 19.4813, 17.7443, 7.1008 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 19.4813, 17.7443, 7.1008

Background



This preview shows how black text looks on a background with the XYZ color 19.4813, 17.7443, 7.1008.



This preview shows how white text looks on a background with the XYZ color 19.4813, 17.7443,

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

19.4813, 17.7443, 7.1008

Protanopia

16.4277, 17.7950, 7.8791

Deuteranopia

18.1653, 17.8654, 7.0484



Tritanopia

21.4163, 17.7750, 16.7701

Trichromacy



Original Color

19.4813, 17.7443, 7.1008

Protanomaly

17.3697, 17.6069, 7.6372

Deuteranomaly

18.6582, 17.7956, 7.0089

Tritanomaly

20.5924, 17.7413, 12.4643

Monochromacy



Original Color

19.4813, 17.7443, 7.1008

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.2687, 17.4191, 13.7613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4813, 17.7443, 7.1008 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(154, 107, 63)` looks like.

```
.text, #text, p{  
    color:rgb(154, 107, 63)  
}
```

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(154, 107, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 107, 63) }
```

Border

The CSS property to change the border of an element to XYZ 19.4813, 17.7443, 7.1008 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(154, 107, 63) }
```


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

```
.border{ border-color:rgb(154, 107, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 107, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 107, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 107, 63);  
box-shadow:4px 4px 4px 4px rgb(154, 107,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4813, 17.7443, 7.1008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 107, 63) }
```

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

```
.background{ background-color: rgb(154,  
107, 63) }
```

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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