

Converting Colors

XYZ(19.9710, 16.0913, 8.7101)

Have a look what the booklet for
XYZ(19.9710, 16.0913, 8.7101)
contains.

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Color

**XYZ(19.9706, 16.0905,
8.7098)**

Conversions

Conversions Part 1

Format	Color
Hex	A15E4B
RGB	161, 94, 75
RGB Percent	63%, 37%, 29%
CMY	0.3686, 0.6314, 0.7059
CMYK	0.00, 0.42, 0.53, 0.37
HSL	13°, 36%, 46%
HSV	13°, 53%, 63%
XYZ	19.9706, 16.0905, 8.7098
YIQ	111.8670, 46.0310, 8.2950

Conversions

Conversions Part 2

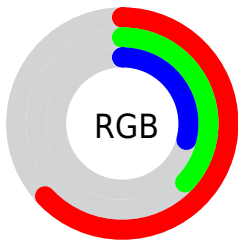
Format	Color
RYB	161, 99, 75
Decimal	10575435
CIELab	47.09, 25.30, 22.61
CIELCh	47, 33.926, 41.786
Yxy	16.0905, 0.4461, 0.3594
Android (android.graphics.Color)	4288765515 (0xFFA15E4B)
YUV	111.8670, -18.1754, 43.0896
Hunter-Lab	40.1130, 18.6701, 15.2053

Details

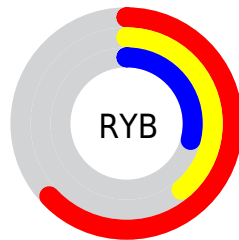
The XYZ color **19.9706, 16.0905, 8.7098** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.0069, 23.4136, 37.2354**, and the grayscale version is **15.4047, 16.2069, 17.6493**.

A 20% lighter version of the original color is **42.9769, 36.7661, 23.9002**, and **7.1682, 5.1171, 1.9062** is the 20% darker color. If you saturate the color by 10%, you get **18.4616, 13.8456, 5.8236**, and if you desaturate by 10%, it is **21.8011, 18.7553, 12.3914**.

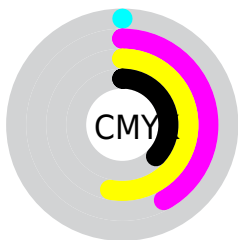
Distribution



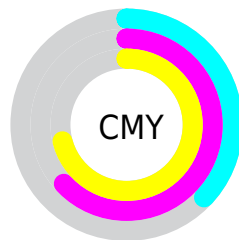
- Red (63%)
- Green (37%)
- Blue (29%)



- Red (63%)
- Yellow (39%)
- Blue (29%)



- Cyan (0%)
- Magenta (42%)
- Yellow (53%)
- Black (37%)



- Cyan (37%)
- Magenta (63%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9706, 16.0905, 8.7098 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 19.9706, 16.0905, 8.7098 by changing the saturation by 10% instead.

■ 19.9706, 16.0905,
8.7098

■ 19.9706, 16.0905,
8.7098

244.5925,
229.8751, 191.3357

■ 12.4818, 9.5882,
4.4582

■ 42.8722, 36.7552,
23.9074

■ 7.1472, 5.1268,
1.8799

■ 59.0157, 51.6865,
35.6904

■ 3.6015, 2.3219,
0.4799

■ 78.7749, 70.1962,
50.8209

■ 1.4793, 0.7852,
0.0000

■ 102.5150, 92.6687,
69.7176

■ 0.3117, 0.0000,
0.0000

■ 130.6015,
119.4885, 92.7988

■ 0.0000, 0.0000,
0.0000

163.3997,

151.0399, 120.4832

201.2749,
187.7073, 153.1893

■ 19.9706, 16.0905,
8.7098

■ 19.9706, 16.0905,
8.7098

■ 18.4616, 13.8456,
5.8236

■ 21.8011, 18.7553,
12.3914

■ 17.2535, 11.9965,
3.6726

■ 23.9697, 21.8577,
16.9209

■ 16.3248, 10.5200,
2.1890

■ 26.4932, 25.4173,
22.3474

■ 15.6505, 9.3895,
1.2921

■ 29.3869, 29.4519,
28.7158

■ 15.3160, 8.8134,
0.8939

■ 32.6653, 33.9782,
36.0680

■ 36.3418, 39.0122,
44.4435

■ 40.4296, 44.5689,
53.8796

■ 44.9409, 50.6630,
64.4115

■ 49.8876, 57.3085,
76.0732

Harmonies

Analogous

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



21.6086, 16.0905, 14.3805



19.9706, 16.0905, 8.7098



17.1533, 16.0905, 6.1065

Triad

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



19.9706, 16.0905, 8.7098



10.4755, 16.0905, 12.8794



16.4926, 16.0905, 38.9637

Complementary

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



19.9706, 16.0905, 8.7098



19.0069, 23.4136, 37.2354

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.



13.5733, 16.0905, 38.1587



19.9706, 16.0905, 8.7098



10.3470, 16.0905, 21.0857

Square

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



19.9706, 16.0905, 8.7098



11.7879, 16.0905, 7.9192



11.4104, 16.0905, 30.8697



19.4332, 16.0905, 32.8050

Rectangle

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



19.9706, 16.0905, 8.7098



15.1159, 16.0905, 5.7124



11.4104, 16.0905, 30.8697



15.4726, 16.0905, 39.5418

Sweetspot

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



19.9710, 16.0913, 8.7101



51.0653, 50.5727, 47.9599



22.1240, 14.5733, 27.3825



10.9788, 10.7843, 10.0319



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



19.9710, 16.0913, 8.7101



32.6385, 24.1541, 9.6482



24.8614, 25.8722, 10.3402



7.1948, 7.3281, 7.4153



12.2586, 7.0911, 0.7226



0.2895, 0.2128, 0.0258

Inverse Universe

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



19.0069, 23.4136, 37.2354



30.6702, 38.5673, 66.2143



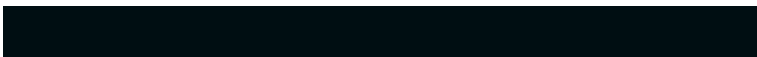
13.8314, 13.0625, 35.5102



7.1427, 7.7444, 9.0214



11.0687, 13.9168, 29.0326



0.2637, 0.3547, 0.6204

Previews

White Background



This preview shows how the XYZ color 19.9706, 16.0905, 8.7098 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 19.9706, 16.0905, 8.7098 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 19.9706, 16.0905, 8.7098

Background



This preview shows how black text looks on a background with the XYZ color 19.9706, 16.0905, 8.7098.



This preview shows how white text looks on a background with the XYZ color 19.9706, 16.0905,

8.7098.

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

19.9706, 16.0905, 8.7098

Protanopia

15.1012, 16.2059, 10.5158

Deuteranopia

16.4191, 16.1342, 8.3797



Tritanopia

21.0499, 16.1505, 13.5632

Trichromacy



Original Color

19.9706, 16.0905, 8.7098

Protanomaly

16.4912, 15.8332, 9.7764

Deuteranomaly

17.4556, 15.9131, 8.4549

Tritanomaly

20.5729, 16.0739, 11.6911

Monochromacy



Original Color

19.9706, 16.0905, 8.7098

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.5096, 15.7498, 13.9742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9706, 16.0905, 8.7098 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(161, 94, 75)` looks like.

```
.text, #text, p{  
    color:rgb(161, 94, 75)  
}
```

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(161, 94, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 94, 75) }
```

Border

The CSS property to change the border of an element to XYZ 19.9706, 16.0905, 8.7098 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(161, 94, 75) }
```


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

```
.border{ border-color:rgb(161, 94, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 94, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 94, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 94, 75);  
box-shadow:4px 4px 4px 4px rgb(161, 94,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9706, 16.0905, 8.7098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 94, 75) }
```

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

```
.background{ background-color: rgb(161, 94,  
75) }
```

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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