

Converting Colors

XYZ(19.4933, 16.9434, 22.0074)

Have a look what the booklet for
XYZ(19.4933, 16.9434, 22.0074)
contains.

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Color

**XYZ(19.5314, 16.9824,
21.9872)**

Conversions

Conversions Part 1

Format	Color
Hex	8C687E
RGB	140, 104, 126
RGB Percent	55%, 41%, 49%
CMY	0.4510, 0.5921, 0.5059
CMYK	0.00, 0.26, 0.10, 0.45
HSL	323°, 15%, 48%
HSV	323°, 26%, 55%
XYZ	19.5314, 16.9824, 21.9872
YIQ	117.2720, 14.3940, 14.4740

Conversions

Conversions Part 2

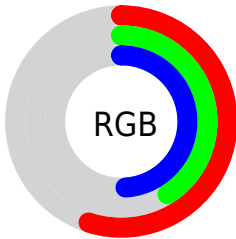
Format	Color
R_{YB}	140, 104, 126
Decimal	9201790
CIE Lab	48.24, 18.17, -6.58
CIE LCh	48, 19.322, 340.085
Yxy	16.9824, 0.3339, 0.2903
Android (android.graphics.Color)	4287391870 (0xFF8C687E)
YUV	117.2720, 4.3029, 19.9325
Hunter-Lab	41.2097, 12.4833, -2.7870

Details

The XYZ color **19.5314, 16.9824, 21.9872** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.3577, 23.0077, 20.6139**, and the grayscale version is **16.9772, 17.8613, 19.4510**.

A 20% lighter version of the original color is **42.1062, 38.1667, 47.7955**, and **6.8736, 5.4880, 7.7182** is the 20% darker color. If you saturate the color by 10%, you get **17.8958, 14.2580, 19.7556**, and if you desaturate by 10%, it is **21.4211, 20.1839, 24.3983**.

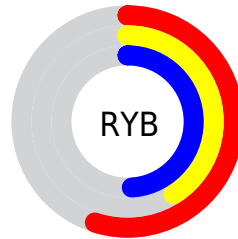
Distribution



Red (55%)

Green (41%)

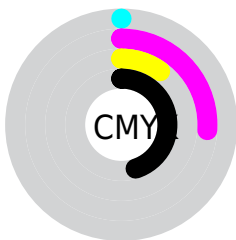
Blue (49%)



Red (55%)

Yellow (41%)

Blue (49%)

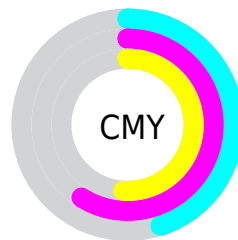


Cyan (0%)

Magenta (26%)

Yellow (10%)

Black (45%)



Cyan (45%)

Magenta (59%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5314, 16.9824, 21.9872 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 19.5314, 16.9824, 21.9872 by changing the saturation by 10% instead.

■ 19.5314, 16.9824,
21.9872

■ 19.5314, 16.9824,
21.9872

242.2491,
235.0709, 275.4307

■ 12.1612, 10.2219,
13.6493

■ 42.1401, 38.2955,
47.6268

■ 6.9265, 5.5464,
7.7412

■ 58.1093, 53.6170,
65.7655

■ 3.4621, 2.5713,
3.8444

■ 77.6754, 72.5609,
88.0082

■ 1.4026, 0.9122,
1.5404

■ 101.2040, 95.5116,
114.7734

■ 0.2581, 0.0000,
0.2477

129.0603,
122.8536, 146.4798

■ 0.0000, 0.0000,
0.0000

161.6097,

154.9712, 183.5458

199.2175,
192.2489, 226.3899

■ 19.5314, 16.9824,
21.9872

■ 19.5314, 16.9824,
21.9872

■ 17.8958, 14.2580,
19.7556

■ 21.4211, 20.1839,
24.3983

■ 16.5009, 11.9852,
17.6969

■ 23.5745, 23.8819,
26.9929

■ 15.3344, 10.1396,
15.8057

■ 26.0024, 28.0974,
29.7762

■ 14.3824, 8.6936,
14.0758

■ 28.7146, 32.8495,
32.7529

■ 13.6289, 7.6163,
12.5003

■ 31.7204, 38.1563,
35.9275

■ 13.0560, 6.8721,
11.0715

■ 35.0287, 44.0352,
39.3042

■ 12.6372, 6.4085,
9.7790

■ 38.6479, 50.5027,
42.8872

■ 12.4770, 6.2402,
9.2567

■ 42.5862, 57.5748,
46.6804

■ 46.8514, 65.2665,
50.6878

Harmonies

Analogous

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



18.4165, 16.9824, 26.9276



19.5314, 16.9824, 21.9872



19.7021, 16.9824, 16.8475

Triad

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



19.5314, 16.9824, 21.9872



15.5567, 16.9824, 10.5056



13.6915, 16.9824, 25.4490

Complementary

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



19.5314, 16.9824, 21.9872



18.3577, 23.0077, 20.6139

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.



13.0376, 16.9824, 20.2379



19.5314, 16.9824, 21.9872



14.0616, 16.9824, 12.0309

Square

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



19.5314, 16.9824, 21.9872



17.3199, 16.9824, 10.8028



13.1680, 16.9824, 15.3865



15.0174, 16.9824, 29.1641

Rectangle

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



19.5314, 16.9824, 21.9872



19.2453, 16.9824, 14.0515



13.1680, 16.9824, 15.3865



13.3903, 16.9824, 23.7789

Sweetspot

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



19.5319, 16.9832, 21.9876



40.5860, 40.4200, 46.4352



17.1287, 15.6325, 26.9257



9.2289, 9.1019, 10.5529



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.5319, 16.9832, 21.9876



32.6691, 26.9888, 36.3895



18.4835, 16.5638, 16.4670



5.1528, 5.0966, 5.8931



11.0962, 5.5486, 8.2767



0.0809, 0.0397, 0.0929

Inverse Universe

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



19.5319, 16.9832, 21.9876



32.6691, 26.9888, 36.3895



19.5173, 23.4715, 26.7202



5.1528, 5.0966, 5.8931



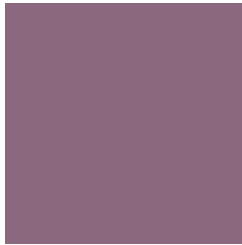
11.0962, 5.5486, 8.2767



0.0809, 0.0397, 0.0929

Previews

White Background



This preview shows how the XYZ color 19.5314, 16.9824, 21.9872 looks on a white background.

Color Contrast Check

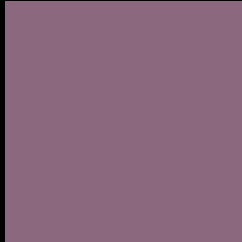
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5314, 16.9824, 21.9872 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 19.5314, 16.9824, 21.9872

Background



This preview shows how black text looks on a background with the XYZ color 19.5314, 16.9824, 21.9872.



This preview shows how white text looks on a background with the XYZ color 19.5314, 16.9824,

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

19.5314, 16.9824, 21.9872

Protanopia

16.8643, 17.1453, 24.2503

Deuteranopia

17.3810, 17.1340, 21.7931



Tritanopia

18.8388, 17.0119, 18.2103

Trichromacy



Original Color

19.5314, 16.9824, 21.9872

Protanomaly

17.6312, 16.9011, 23.4521

Deuteranomaly

18.0724, 17.0071, 21.7322

Tritanomaly

18.9691, 16.9001, 19.4018

Monochromacy



Original Color

19.5314, 16.9824, 21.9872

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.6418, 17.3044, 20.1796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5314, 16.9824, 21.9872 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(140, 104, 126)` looks like.

```
.text, #text, p{  
    color:rgb(140, 104, 126)  
}
```

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(140, 104, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 104, 126) }
```

Border

The CSS property to change the border of an element to XYZ 19.5314, 16.9824, 21.9872 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(140, 104, 126) }
```


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

```
.border{ border-color:rgb(140, 104, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 104, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 104, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 104, 126);  
box-shadow:4px 4px 4px 4px rgb(140, 104,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5314, 16.9824, 21.9872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 104, 126) }
```

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

```
.background{ background-color: rgb(140,  
104, 126) }
```

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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