

Converting Colors

XYZ(19.4406, 16.7671, 17.0803)

Have a look what the booklet for
XYZ(19.4406, 16.7671, 17.0803)
contains.

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Color

**XYZ(19.4199, 16.7395,
16.9594)**

Conversions

Conversions Part 1

Format	Color
Hex	92666E
RGB	146, 102, 110
RGB Percent	57%, 40%, 43%
CMY	0.4274, 0.6000, 0.5686
CMYK	0.00, 0.30, 0.25, 0.43
HSL	349°, 18%, 49%
HSV	349°, 30%, 57%
XYZ	19.4199, 16.7395, 16.9594
YIQ	116.0680, 23.6560, 11.8160

Conversions

Conversions Part 2

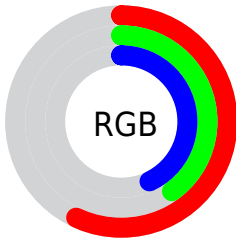
Format	Color
R_{YB}	146, 102, 110
Decimal	9594478
CIE _{Lab}	47.93, 18.93, 2.62
CIE _{LCh}	48, 19.111, 7.867
Yxy	16.7395, 0.3656, 0.3151
Android (android.graphics.Color)	4287784558 (0xFF92666E)
YUV	116.0680, -2.9915, 26.2504
Hunter-Lab	40.9139, 13.1261, 4.0632

Details

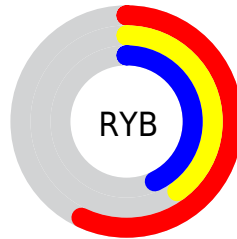
The XYZ color **19.4199, 16.7395, 16.9594** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.3465, 25.2179, 27.8411**, and the grayscale version is **16.6255, 17.4913, 19.0480**.

A 20% lighter version of the original color is **41.9116, 37.7732, 38.8002**, and **6.8325, 5.3769, 5.3804** is the 20% darker color. If you saturate the color by 10%, you get **17.5023, 13.8758, 13.3247**, and if you desaturate by 10%, it is **21.6789, 20.1453, 21.1410**.

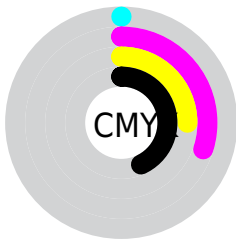
Distribution



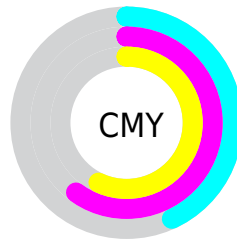
- Red (57%)
- Green (40%)
- Blue (43%)



- Red (57%)
- Yellow (40%)
- Blue (43%)



- Cyan (0%)
- Magenta (30%)
- Yellow (25%)
- Black (43%)



- Cyan (43%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4199, 16.7395, 16.9594 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 19.4199, 16.7395, 16.9594 by changing the saturation by 10% instead.

■ 19.4199, 16.7395,
16.9594

■ 19.4199, 16.7395,
16.9594

241.6510,
233.6667, 246.9743

■ 12.0799, 10.0489,
10.0439

■ 41.9538, 37.8773,
39.0457

■ 6.8707, 5.4314,
5.3221

■ 57.8785, 53.0934,
55.0535

■ 3.4270, 2.5025,
2.3754

■ 77.3954, 71.9201,
74.9292

■ 1.3834, 0.8779,
0.7730

■ 100.8699, 94.7418,
99.0912

■ 0.2443, 0.0000,
0.0000

128.6673,
121.9429, 127.9583

■ 0.0000, 0.0000,
0.0000

161.1531,

153.9078, 161.9488

198.6925,
191.0210, 201.4813

■ 19.4199, 16.7395,
16.9594

■ 19.4199, 16.7395,
16.9594

■ 17.5023, 13.8758,
13.3247

■ 21.6789, 20.1453,
21.1410

■ 15.9079, 11.5240,
10.2130

■ 24.2934, 24.1166,
25.8898

■ 14.6190, 9.6543,
7.6002


■ 27.2786, 28.6787,
31.2265


■ 13.6155, 8.2332,
5.4601

■ 30.6481, 33.8541,
37.1703


■ 12.8751, 7.2225,
3.7637


■ 34.4152, 39.6646,
43.7395


 12.3717, 6.5781,
2.4789

 38.5921, 46.1306,
50.9518

 12.0466, 6.1880,
1.5686

 43.1909, 53.2719,
58.8240

 48.2229, 61.1071,
67.3725

 53.6992, 69.6545,
76.6129

Harmonies

Analogous

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



19.1779, 16.7395, 22.0366



19.4199, 16.7395, 16.9594



18.6693, 16.7395, 13.0045

Triad

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



19.4199, 16.7395, 16.9594



13.9637, 16.7395, 11.7200



14.6955, 16.7395, 28.4940

Complementary

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



19.4199, 16.7395, 16.9594



20.3465, 25.2179, 27.8411

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.



13.4376, 16.7395, 24.6871



19.4199, 16.7395, 16.9594



13.0368, 16.7395, 14.8830

Square

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



19.4199, 16.7395, 16.9594



15.4616, 16.7395, 10.3560



12.8514, 16.7395, 19.5551



16.3678, 16.7395, 29.3227

Rectangle

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



19.4199, 16.7395, 16.9594



17.7368, 16.7395, 11.3194



12.8514, 16.7395, 19.5551



14.2139, 16.7395, 27.4909

Sweetspot

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



19.4204, 16.7403, 16.9597



43.3293, 43.2654, 46.5239



20.4104, 16.9765, 29.3953



9.4942, 9.4041, 10.0889



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.4204, 16.7403, 16.9597



31.9628, 26.0956, 25.5847



20.4906, 19.5464, 15.2642



5.8413, 5.8316, 6.2705



10.6074, 5.4480, 1.4139



0.1378, 0.0699, 0.0595

Inverse Universe

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



19.4204, 16.7403, 16.9597



31.9628, 26.0956, 25.5847



18.9287, 21.4213, 30.3313



5.8413, 5.8316, 6.2705



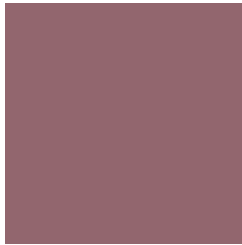
10.6074, 5.4480, 1.4139



0.1378, 0.0699, 0.0595

Previews

White Background



This preview shows how the XYZ color 19.4199, 16.7395, 16.9594 looks on a white background.

Color Contrast Check

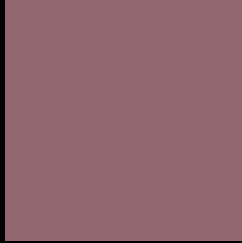
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4199, 16.7395, 16.9594 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 19.4199, 16.7395, 16.9594

Background



This preview shows how black text looks on a background with the XYZ color 19.4199, 16.7395, 16.9594.



This preview shows how white text looks on a background with the XYZ color 19.4199, 16.7395,

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

19.4199, 16.7395, 16.9594

Protanopia

16.1862, 16.7394, 19.2076

Deuteranopia

17.0886, 16.7680, 16.8039



Tritanopia

19.4199, 16.7395, 16.9594

Trichromacy



Original Color

19.4199, 16.7395, 16.9594

Protanomaly

17.1101, 16.5878, 18.2196

Deuteranomaly

17.8495, 16.6878, 16.7483

Tritanomaly

19.4199, 16.7395, 16.9594

Monochromacy



Original Color

19.4199, 16.7395, 16.9594

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.4741, 17.0958, 18.2984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4199, 16.7395, 16.9594 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(146, 102, 110)` looks like.

```
.text, #text, p{  
    color:rgb(146, 102, 110)  
}
```

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(146, 102, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 102, 110) }
```

Border

The CSS property to change the border of an element to XYZ 19.4199, 16.7395, 16.9594 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(146, 102, 110) }
```


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

```
.border{ border-color:rgb(146, 102, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 102, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 102, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 102, 110);  
box-shadow:4px 4px 4px 4px rgb(146, 102,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4199, 16.7395, 16.9594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 102, 110) }
```

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

```
.background{ background-color: rgb(146,  
102, 110) }
```

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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