

Converting Colors

XYZ(19.5794, 17.3669, 19.4597)

Have a look what the booklet for
XYZ(19.5794, 17.3669, 19.4597)
contains.

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Color

**XYZ(19.5794, 17.3669,
19.4597)**

Conversions

Conversions Part 1

Format	Color
Hex	8E6A76
RGB	142, 106, 118
RGB Percent	56%, 42%, 46%
CMY	0.4431, 0.5843, 0.5373
CMYK	0.00, 0.25, 0.17, 0.44
HSL	340°, 15%, 49%
HSV	340°, 25%, 56%
XYZ	19.5794, 17.3669, 19.4597
YIQ	118.1320, 17.6040, 11.3640

Conversions

Conversions Part 2

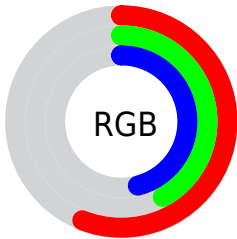
Format	Color
R_{YB}	142, 106, 118
Decimal	9333366
CIE _{Lab}	48.72, 16.33, -1.07
CIE _{LCh}	49, 16.369, 356.246
Yxy	17.3669, 0.3471, 0.3079
Android (android.graphics.Color)	4287523446 (0xFF8E6A76)
YUV	118.1320, -0.0651, 20.9322
Hunter-Lab	41.6736, 10.9353, 1.4858

Details

The XYZ color **19.5794, 17.3669, 19.4597** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.6469, 24.0224, 24.7217**, and the grayscale version is **17.2580, 18.1568, 19.7727**.

A 20% lighter version of the original color is **42.2475, 39.0918, 43.3490**, and **6.9329, 5.6925, 6.5277** is the 20% darker color. If you saturate the color by 10%, you get **17.7008, 14.4653, 16.1957**, and if you desaturate by 10%, it is **21.7578, 20.7774, 23.1027**.

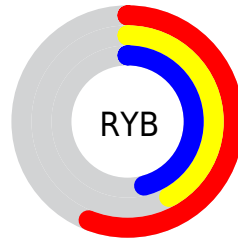
Distribution



Red (56%)

Green (42%)

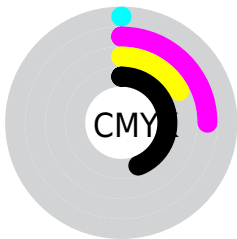
Blue (46%)



Red (56%)

Yellow (42%)

Blue (46%)

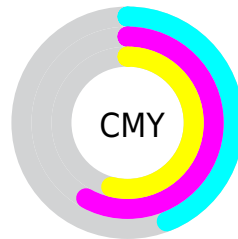


Cyan (0%)

Magenta (25%)

Yellow (17%)

Black (44%)



Cyan (44%)

Magenta (58%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5794, 17.3669, 19.4597 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 19.5794, 17.3669, 19.4597 by changing the saturation by 10% instead.

■ 19.5794, 17.3669,
19.4597

■ 19.5794, 17.3669,
19.4597

242.5062,
237.2779, 261.4817

■ 12.1962, 10.4964,
11.8227

■ 42.2202, 38.9555,
43.3564

■ 6.9506, 5.7293,
6.5020

■ 58.2085, 54.4425,
60.4533

■ 3.4773, 2.6812,
3.0790

■ 77.7959, 73.5704,
81.5406

■ 1.4109, 0.9677,
1.1351

■ 101.3477, 96.7236,
107.0368

■ 0.2640, 0.0000,
0.0000

129.2293,
124.2866, 137.3605

■ 0.0000, 0.0000,
0.0000

161.8060,

156.6437, 172.9302

199.4431,
194.1794, 214.1644

■ 19.5794, 17.3669,
19.4597

■ 19.5794, 17.3669,
19.4597

■ 17.7008, 14.4653,
16.1957

■ 21.7578, 20.7774,
23.1027

■ 16.1070, 12.0456,
13.2969

■ 24.2472, 24.7172,
27.1356

■ 14.7838, 10.0821,
10.7503


■ 27.0600, 29.2085,
31.5704


■ 13.7151, 8.5456,
8.5413


■ 30.2076, 34.2716,
36.4181


■ 12.8831, 7.4037,
6.6547


■ 33.7007, 39.9256,
41.6891


 12.2676, 6.6190,
5.0736


 37.5495, 46.1890,
47.3938

 11.8408, 6.1397,
3.7778

 41.7639, 53.0792,
53.5418

 11.6751, 5.9587,
3.2587

 46.3534, 60.6131,
60.1428

 51.3269, 68.8068,
67.2059

Harmonies

Analogous

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



19.0425, 17.3669, 23.9207



19.5794, 17.3669, 19.4597



19.2525, 17.3669, 15.4629

Triad

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



19.5794, 17.3669, 19.4597



15.2547, 17.3669, 12.3845



14.9442, 17.3669, 26.7071

Complementary

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



19.5794, 17.3669, 19.4597



19.6469, 24.0224, 24.7217

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.



14.0352, 17.3669, 22.8338



19.5794, 17.3669, 19.4597



14.2067, 17.3669, 14.6523

Square

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



19.5794, 17.3669, 19.4597



16.6977, 17.3669, 11.7617



13.7736, 17.3669, 18.3700



16.3172, 17.3669, 28.4887

Rectangle

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



19.5794, 17.3669, 19.4597



18.5989, 17.3669, 13.5129



13.7736, 17.3669, 18.3700



14.5776, 17.3669, 25.5802

Sweetspot

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



19.5799, 17.3677, 19.4601



41.4643, 41.5327, 45.7771



19.2431, 17.0078, 27.8600



9.1248, 9.0603, 10.0044



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.



19.5799, 17.3677, 19.4601



32.7154, 27.8181, 31.1983



19.5517, 18.3806, 16.1540



5.4784, 5.4519, 6.0173



10.4903, 5.3531, 2.9673



0.1097, 0.0550, 0.0780

Inverse Universe

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



19.5799, 17.3677, 19.4601



32.7154, 27.8181, 31.1983



19.6311, 22.6260, 28.9240



5.4784, 5.4519, 6.0173



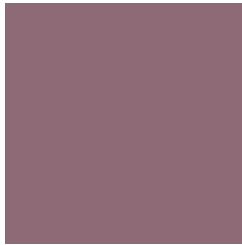
10.4903, 5.3531, 2.9673



0.1097, 0.0550, 0.0780

Previews

White Background



This preview shows how the XYZ color 19.5794, 17.3669, 19.4597 looks on a white background.

Color Contrast Check

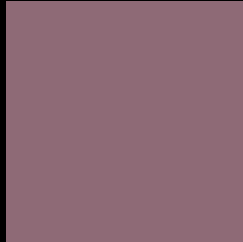
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5794, 17.3669, 19.4597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

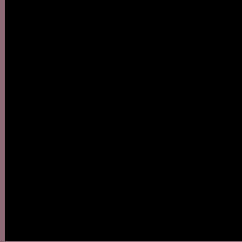
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.5794, 17.3669, 19.4597

Background



This preview shows how black text looks on a background with the XYZ color 19.5794, 17.3669, 19.4597.



This preview shows how white text looks on a background with the XYZ color 19.5794, 17.3669,

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

19.5794, 17.3669, 19.4597

Protanopia

16.9713, 17.4297, 21.5386

Deuteranopia

17.7575, 17.3847, 19.2493



Tritanopia

19.5075, 17.5040, 18.5701

Trichromacy



Original Color

19.5794, 17.3669, 19.4597

Protanomaly

17.7645, 17.3535, 20.8256

Deuteranomaly

18.3025, 17.3417, 19.2123

Tritanomaly

19.5654, 17.5271, 18.8749

Monochromacy



Original Color

19.5794, 17.3669, 19.4597

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.0397, 17.8547, 19.6350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5794, 17.3669, 19.4597 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(142, 106, 118)` looks like.

```
.text, #text, p{  
    color:rgb(142, 106, 118)  
}
```

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(142, 106, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 106, 118) }
```

Border

The CSS property to change the border of an element to XYZ 19.5794, 17.3669, 19.4597 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(142, 106, 118) }
```


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

```
.border{ border-color:rgb(142, 106, 118) }
```

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

Here you see how a box with a 4 pixel rgb(142, 106, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 106, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 106, 118);  
box-shadow:4px 4px 4px 4px rgb(142, 106,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5794, 17.3669, 19.4597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 106, 118) }
```

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

```
.background{ background-color: rgb(142,  
106, 118) }
```

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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