

Converting Colors

XYZ(19.1342, 16.5031, 20.4767)

Have a look what the booklet for
XYZ(19.1342, 16.5031, 20.4767)
contains.

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Color

**XYZ(19.0794, 16.4833,
20.5884)**

Conversions

Conversions Part 1

Format	Color
Hex	8C667A
RGB	140, 102, 122
RGB Percent	55%, 40%, 48%
CMY	0.4510, 0.6000, 0.5216
CMYK	0.00, 0.27, 0.13, 0.45
HSL	328°, 16%, 47%
HSV	328°, 27%, 55%
XYZ	19.0794, 16.4833, 20.5884
YIQ	115.6420, 16.2280, 14.2760

Conversions

Conversions Part 2

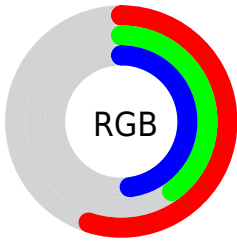
Format	Color
R_{YB}	140, 102, 122
Decimal	9201274
CIE _{Lab}	47.60, 18.61, -5.13
CIE _{LCh}	48, 19.308, 344.578
Yxy	16.4833, 0.3398, 0.2936
Android (android.graphics.Color)	4287391354 (0xFF8C667A)
YUV	115.6420, 3.1345, 21.3620
Hunter-Lab	40.5996, 12.8350, -1.6467

Details

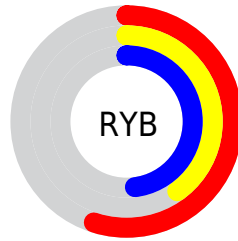
The XYZ color **19.0794, 16.4833, 20.5884** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.2483, 22.9374, 21.2358**, and the grayscale version is **16.4786, 17.3368, 18.8797**.

A 20% lighter version of the original color is **41.2793, 37.3078, 45.0699**, and **6.6886, 5.3373, 6.9810** is the 20% darker color. If you saturate the color by 10%, you get **17.4211, 13.8018, 18.0770**, and if you desaturate by 10%, it is **20.9991, 19.6423, 23.3257**.

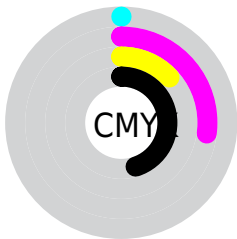
Distribution



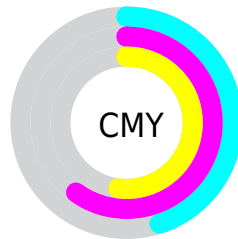
- Red (55%)
- Green (40%)
- Blue (48%)



- Red (55%)
- Yellow (40%)
- Blue (48%)



- Cyan (0%)
- Magenta (27%)
- Yellow (13%)
- Black (45%)



- Cyan (45%)
- Magenta (60%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0794, 16.4833, 20.5884 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 19.0794, 16.4833, 20.5884 by changing the saturation by 10% instead.

■ 19.0794, 16.4833,
20.5884

■ 19.0794, 16.4833,
20.5884

239.8164,
232.1769, 267.7917

■ 11.8320, 9.8668,
12.6352

■ 41.3841, 37.4352,
45.2734

■ 6.7008, 5.3107,
7.0500

■ 57.1720, 52.5394,
62.8422

■ 3.3203, 2.4307,
3.4145

■ 76.5376, 71.2417,
84.4533

■ 1.3253, 0.8416,
1.3100

■ 99.8461, 93.9263,
110.5252

■ 0.2021, 0.0000,
0.0699

127.4629,
120.9778, 141.4764

■ 0.0000, 0.0000,
0.0000

159.7533,

152.7804, 177.7256

197.0827,
189.7187, 219.6912

■ 19.0794, 16.4833,
20.5884

■ 19.0794, 16.4833,
20.5884

■ 17.4211, 13.8018,
18.0770

■ 20.9991, 19.6423,
23.3257

■ 16.0104, 11.5719,
15.7836

■ 23.1902, 23.2984,
26.2943

■ 14.8348, 9.7689,
13.7014

■ 25.6638, 27.4729,
29.5007

■ 13.8795, 8.3646,
11.8226

■ 28.4300, 32.1853,
32.9508

■ 13.1284, 7.3273,
10.1386

■ 31.4984, 37.4538,
36.6503

■ 12.5626, 6.6206,
8.6402

■ 34.8781, 43.2961,
40.6045

■ 12.1486, 6.1783,
7.3129

■ 38.5779, 49.7287,
44.8188

■ 12.0406, 6.0656,
6.9585

■ 42.6062, 56.7678,
49.2982

■ 46.9710, 64.4288,
54.0476

Harmonies

Analogous

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



18.1070, 16.4833, 25.5824



19.0794, 16.4833, 20.5884



19.0938, 16.4833, 15.6656

Triad

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



19.0794, 16.4833, 20.5884



14.8484, 16.4833, 10.2473



13.4254, 16.4833, 25.4575

Complementary

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



19.0794, 16.4833, 20.5884



18.2483, 22.9374, 21.2358

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.



12.6767, 16.4833, 20.4409



19.0794, 16.4833, 20.5884



13.4565, 16.4833, 12.0064

Square

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



19.0794, 16.4833, 20.5884



16.5637, 16.4833, 10.2722



12.6876, 16.4833, 15.5427



14.8030, 16.4833, 28.7251

Rectangle

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



19.0794, 16.4833, 20.5884



18.5534, 16.4833, 13.0870



12.6876, 16.4833, 15.5427



13.0964, 16.4833, 23.8832

Sweetspot

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



19.0799, 16.4840, 20.5887



40.4655, 40.3718, 45.8008



17.1944, 15.3710, 26.8717



9.1967, 9.0891, 10.3835



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.



19.0799, 16.4840, 20.5887



31.6710, 25.8700, 33.3519



18.0287, 16.0636, 15.0535



5.1356, 5.0897, 5.8026



10.7086, 5.3935, 6.2357



0.0785, 0.0388, 0.0804

Inverse Universe

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



19.0799, 16.4840, 20.5887



31.6710, 25.8700, 33.3519



19.4988, 23.4375, 27.8204



5.1356, 5.0897, 5.8026



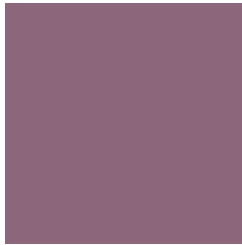
10.7086, 5.3935, 6.2357



0.0785, 0.0388, 0.0804

Previews

White Background



This preview shows how the XYZ color 19.0794, 16.4833, 20.5884 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 19.0794, 16.4833, 20.5884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

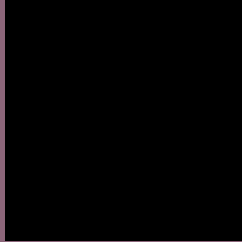
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.0794, 16.4833, 20.5884

Background



This preview shows how black text looks on a background with the XYZ color 19.0794, 16.4833, 20.5884.



This preview shows how white text looks on a background with the XYZ color 19.0794, 16.4833,

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

19.0794, 16.4833, 20.5884

Protanopia

16.3122, 16.5528, 23.1041

Deuteranopia

16.9123, 16.5973, 20.4014



Tritanopia

18.5224, 16.5594, 17.5493

Trichromacy



Original Color

19.0794, 16.4833, 20.5884

Protanomaly

17.1545, 16.3691, 21.9941

Deuteranomaly

17.6110, 16.4851, 20.3429

Tritanomaly

18.6501, 16.4504, 18.7153

Monochromacy



Original Color

19.0794, 16.4833, 20.5884

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.4119, 17.0369, 19.5103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0794, 16.4833, 20.5884 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, 102, 122)` looks like.

```
.text, #text, p{  
    color:rgb(140, 102, 122)  
}
```

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, 102, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 102, 122) }
```

Border

The CSS property to change the border of an element to XYZ 19.0794, 16.4833, 20.5884 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, 102, 122) }
```


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

```
.border{ border-color:rgb(140, 102, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 102, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 102, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 102, 122);  
box-shadow:4px 4px 4px 4px rgb(140, 102,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0794, 16.4833, 20.5884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 102, 122) }
```

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

```
.background{ background-color: rgb(140,  
102, 122) }
```

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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