

Converting Colors

XYZ(16.6813, 13.4783, 16.1302)

Have a look what the booklet for
XYZ(16.6813, 13.4783, 16.1302)
contains.

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Color

**XYZ(16.7313, 13.4868,
16.1894)**

Conversions

Conversions Part 1

Format	Color
Hex	8A586D
RGB	138, 88, 109
RGB Percent	54%, 35%, 43%
CMY	0.4588, 0.6549, 0.5725
CMYK	0.00, 0.36, 0.21, 0.46
HSL	335°, 22%, 44%
HSV	335°, 36%, 54%
XYZ	16.7313, 13.4868, 16.1894
YIQ	105.3440, 23.0590, 17.1310

Conversions

Conversions Part 2

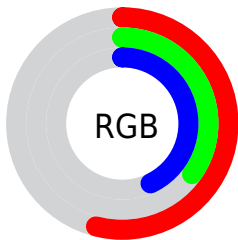
Format	Color
R_{YB}	138, 88, 109
Decimal	9066605
CIE _{Lab}	43.49, 23.81, -3.39
CIE _{LCh}	43, 24.048, 351.897
Yxy	13.4868, 0.3605, 0.2906
Android (android.graphics.Color)	4287256685 (0xFF8A586D)
YUV	105.3440, 1.8024, 28.6393
Hunter-Lab	36.7244, 17.0553, -0.4301

Details

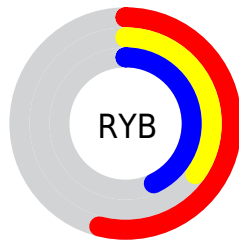
The XYZ color **16.7313, 13.4868, 16.1894** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.3244, 21.5365, 20.1272**, and the grayscale version is **13.5117, 14.2154, 15.4806**.

A 20% lighter version of the original color is **37.3160, 32.2098, 37.5080**, and **5.5929, 3.9599, 5.0270** is the 20% darker color. If you saturate the color by 10%, you get **15.2925, 11.2676, 13.6798**, and if you desaturate by 10%, it is **18.4246, 16.1519, 18.9777**.

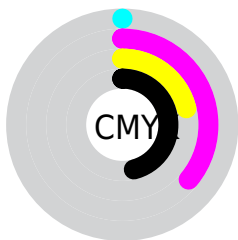
Distribution



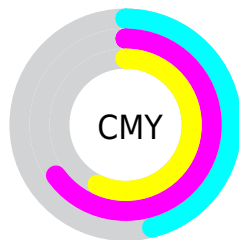
- Red (54%)
- Green (35%)
- Blue (43%)



- Red (54%)
- Yellow (35%)
- Blue (43%)



- Cyan (0%)
- Magenta (36%)
- Yellow (21%)
- Black (46%)



- Cyan (46%)
- Magenta (65%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7313, 13.4868, 16.1894 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 16.7313, 13.4868, 16.1894 by changing the saturation by 10% instead.

■ 16.7313, 13.4868,
16.1894

■ 16.7313, 13.4868,
16.1894

226.8057,
214.0144, 242.3405

■ 10.1372, 7.7646,
9.5025

■ 37.4105, 32.1756,
37.6981

■ 5.5530, 3.9447,
4.9691

■ 52.2263, 45.9110,
53.3569

■ 2.6133, 1.6427,
2.1707

■ 70.5134, 63.0863,
72.8434

■ 0.9527, 0.3861,
0.6574

■ 92.6372, 84.0858,
96.5761

■ 0.0000, 0.0000,
0.0000

■ 118.9629,
109.2940, 124.9737

149.8560,

139.0952, 158.4546

185.6818,
173.8739, 197.4373

■ 16.7313, 13.4868,
16.1894

■ 16.7313, 13.4868,
16.1894

■ 15.2925, 11.2676,
13.6798

■ 18.4246, 16.1519,
18.9777

■ 14.0938, 9.4676,
11.4386

■ 20.3834, 19.2838,
22.0531

■ 13.1213, 8.0604,
9.4560

■ 22.6194, 22.9042,
25.4241

■ 12.3587, 7.0157,
7.7208

■ 25.1435, 27.0330,
29.0992

■ 11.7878, 6.2986,
6.2212

■ 27.9656, 31.6891,
33.0860

■ 11.3794, 5.8529,
4.9412

■ 31.0953, 36.8902,
37.3921

■ 11.2440, 5.7084,
4.5064

■ 34.5419, 42.6534,
42.0248

■ 38.3142, 48.9948,
46.9911

■ 42.4205, 55.9301,
52.2977

Harmonies

Analogous

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



15.8715, 13.4868, 22.0255



16.7313, 13.4868, 16.1894



16.4650, 13.4868, 11.1596

Triad

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



16.7313, 13.4868, 16.1894



11.5202, 13.4868, 7.0345



10.7195, 13.4868, 24.4049

Complementary

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



16.7313, 13.4868, 16.1894



16.3244, 21.5365, 20.1272

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.



9.7551, 13.4868, 18.8837



16.7313, 13.4868, 16.1894



10.1850, 13.4868, 9.1886

Square

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



16.7313, 13.4868, 16.1894



13.3339, 13.4868, 6.6487



9.5694, 13.4868, 13.2765



12.3171, 13.4868, 27.4685

Rectangle

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



16.7313, 13.4868, 16.1894



15.6952, 13.4868, 8.8106



9.5694, 13.4868, 13.2765



10.3172, 13.4868, 22.7191

Sweetspot

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



16.7317, 13.4874, 16.1897



37.8353, 37.0682, 41.7739



15.3246, 12.5510, 25.6599



8.3861, 8.1522, 9.2184



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



16.7317, 13.4874, 16.1897



27.5031, 20.6976, 25.0924



16.0128, 13.6478, 11.0235



5.1143, 5.0812, 5.6905



10.3160, 5.2365, 4.1686



0.0756, 0.0376, 0.0648

Inverse Universe

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



16.7317, 13.4874, 16.1897



27.5031, 20.6976, 25.0924



17.2300, 21.1452, 27.2184



5.1143, 5.0812, 5.6905



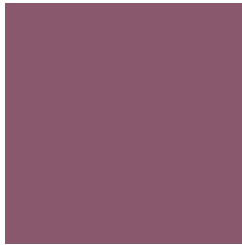
10.3160, 5.2365, 4.1686



0.0756, 0.0376, 0.0648

Previews

White Background



This preview shows how the XYZ color 16.7313, 13.4868, 16.1894 looks on a white background.

Color Contrast Check

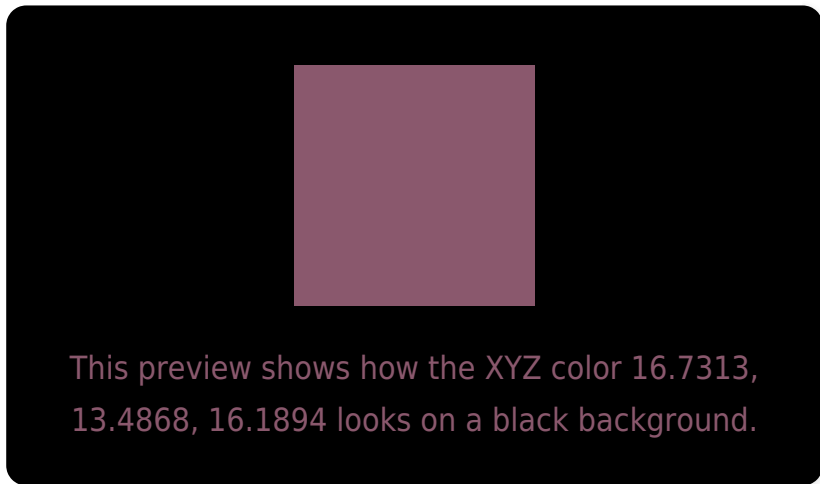
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 16.7313, 13.4868, 16.1894

Background



This preview shows how black text looks on a background with the XYZ color 16.7313, 13.4868, 16.1894.



This preview shows how white text looks on a background with the XYZ color 16.7313, 13.4868,

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

16.7313, 13.4868, 16.1894

Protanopia

13.3882, 13.5774, 19.0546

Deuteranopia

13.7666, 13.5554, 15.8008



Tritanopia

16.1304, 13.4938, 13.0637

Trichromacy



Original Color

16.7313, 13.4868, 16.1894

Protanomaly

14.3086, 13.3646, 18.0451

Deuteranomaly

14.7748, 13.5134, 16.0170

Tritanomaly

16.2379, 13.4027, 14.0431

Monochromacy



Original Color

16.7313, 13.4868, 16.1894

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.3995, 13.7462, 15.5300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7313, 13.4868, 16.1894 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(138, 88, 109)` looks like.

```
.text, #text, p{  
    color:rgb(138, 88, 109)  
}
```

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(138, 88, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 88, 109) }
```

Border

The CSS property to change the border of an element to XYZ 16.7313, 13.4868, 16.1894 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(138, 88, 109) }
```


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

```
.border{ border-color:rgb(138, 88, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 88, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 88, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 88, 109);  
box-shadow:4px 4px 4px 4px rgb(138, 88,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7313, 13.4868, 16.1894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 88, 109) }
```

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

```
.background{ background-color: rgb(138, 88,  
109) }
```

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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