

Converting Colors

XYZ(16.2798, 14.1814, 17.8456)

Have a look what the booklet for
XYZ(16.2798, 14.1814, 17.8456)
contains.

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Color

**XYZ(16.1827, 14.0665,
17.7818)**

Conversions

Conversions Part 1

Format	Color
Hex	815F72
RGB	129, 95, 114
RGB Percent	51%, 37%, 45%
CMY	0.4941, 0.6274, 0.5529
CMYK	0.00, 0.26, 0.12, 0.49
HSL	326°, 15%, 44%
HSV	326°, 26%, 51%
XYZ	16.1827, 14.0665, 17.7818
YIQ	107.3320, 14.1650, 13.1170

Conversions

Conversions Part 2

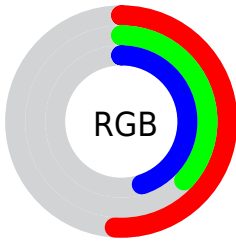
Format	Color
R_{YB}	129, 95, 114
Decimal	8478578
CIE Lab	44.33, 17.09, -5.31
CIE LCh	44, 17.894, 342.749
Yxy	14.0665, 0.3369, 0.2929
Android (android.graphics.Color)	4286668658 (0xFF815F72)
YUV	107.3320, 3.2873, 19.0028
Hunter-Lab	37.5053, 11.3844, -1.8565

Details

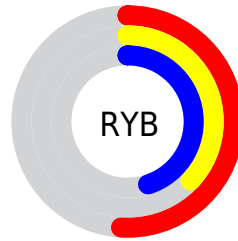
The XYZ color **16.1827, 14.0665, 17.7818** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.3846, 19.2595, 17.6593**, and the grayscale version is **14.0561, 14.7881, 16.1042**.

A 20% lighter version of the original color is **36.4532, 33.2560, 40.5742**, and **5.2648, 4.1695, 5.6816** is the 20% darker color. If you saturate the color by 10%, you get **14.8016, 11.8067, 15.7726**, and if you desaturate by 10%, it is **17.7772, 16.7206, 19.9620**.

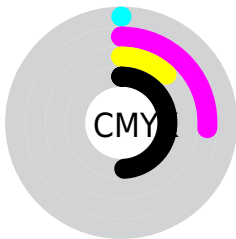
Distribution



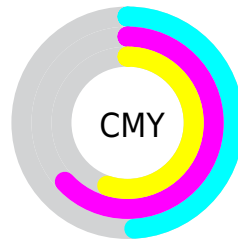
- Red (51%)
- Green (37%)
- Blue (45%)



- Red (51%)
- Yellow (37%)
- Blue (45%)



- Cyan (0%)
- Magenta (26%)
- Yellow (12%)
- Black (49%)



- Cyan (49%)
- Magenta (63%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1827, 14.0665, 17.7818 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 16.1827, 14.0665, 17.7818 by changing the saturation by 10% instead.

■ 16.1827, 14.0665,
17.7818

■ 16.1827, 14.0665,
17.7818

223.6666,
217.6441, 251.8329

■ 9.7452, 8.1669,
10.6256

■ 36.4700, 33.2070,
40.4741

■ 5.2913, 4.2020,
5.7047

■ 51.0505, 47.2167,
56.8472

■ 2.4557, 1.7872,
2.6005

■ 69.0760, 64.6985,
77.1298

■ 0.8730, 0.4792,
0.8927

■ 90.9119, 86.0370,
101.7404

■ 0.0000, 0.0000,
0.0000

116.9236,
111.6163, 131.0974

147.4764,

141.8211, 165.6195

182.9356,
177.0355, 205.7252

■ 16.1827, 14.0665,
17.7818

■ 16.1827, 14.0665,
17.7818

■ 14.8016, 11.8067,
15.7726

■ 17.7772, 16.7206,
19.9620

■ 13.6230, 9.9201,
13.9283

■ 19.5930, 19.7847,
22.3170

■ 12.6364, 8.3867,
12.2440

■ 21.6393, 23.2763,
24.8518

■ 11.8304, 7.1838,
10.7138

■ 23.9241, 27.2110,
27.5706

■ 11.1917, 6.2859,
9.3313

■ 26.4552, 31.6038,
30.4778

■ 10.7057, 5.6640,
8.0897

■ 29.2399, 36.4690,
33.5773

■ 10.3458, 5.2658,
6.9780

■ 32.2854, 41.8201,
36.8731

■ 10.2257, 5.1361,
6.5978

■ 35.5983, 47.6702,
40.3689

■ 39.1853, 54.0320,
44.0684

Harmonies

Analogous

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



15.3322, 14.0665, 21.8848



16.1827, 14.0665, 17.7818



16.2465, 14.0665, 13.6370

Triad

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



16.1827, 14.0665, 17.7818



12.7699, 14.0665, 8.8276



11.4437, 14.0665, 21.3325

Complementary

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



16.1827, 14.0665, 17.7818



15.3846, 19.2595, 17.6593

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.



10.8544, 14.0665, 17.1275



16.1827, 14.0665, 17.7818



11.5824, 14.0665, 10.2138

Square

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



16.1827, 14.0665, 17.7818



14.2051, 14.0665, 8.9394



10.9033, 14.0665, 13.0894



12.5679, 14.0665, 24.1732

Rectangle

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



16.1827, 14.0665, 17.7818



15.8281, 14.0665, 11.4255



10.9033, 14.0665, 13.0894



11.1802, 14.0665, 20.0024

Sweetspot

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



16.1831, 14.0671, 17.7821



34.4601, 34.3674, 39.1676



14.4525, 13.0681, 22.5296



7.7000, 7.6099, 8.7374



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



16.1831, 14.0671, 17.7821



27.3552, 22.5230, 29.5075



15.3161, 13.7203, 13.2165



4.4205, 4.3813, 5.0187



9.9723, 5.0086, 6.4440



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.1831, 14.0671, 17.7821



27.3552, 22.5230, 29.5075



16.3834, 19.6590, 22.9188



4.4205, 4.3813, 5.0187



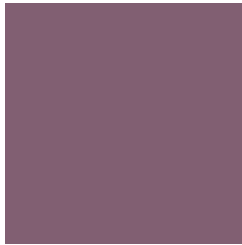
9.9723, 5.0086, 6.4440



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.1827, 14.0665, 17.7818 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

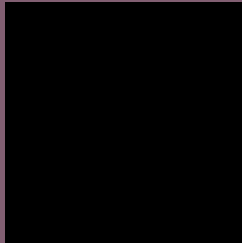
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.1827, 14.0665, 17.7818

Background



This preview shows how black text looks on a background with the XYZ color 16.1827, 14.0665, 17.7818.



This preview shows how white text looks on a background with the XYZ color 16.1827, 14.0665,

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

16.1827, 14.0665, 17.7818

Protanopia

13.9340, 14.1403, 19.7642

Deuteranopia

14.4141, 14.1397, 17.5923



Tritanopia

15.6755, 14.1381, 14.9994

Trichromacy



Original Color

16.1827, 14.0665, 17.7818

Protanomaly

14.6058, 14.0601, 19.0836

Deuteranomaly

14.9137, 13.9675, 17.5327

Tritanomaly

15.7917, 14.0376, 16.0646

Monochromacy



Original Color

16.1827, 14.0665, 17.7818

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.7350, 14.4711, 16.7684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1827, 14.0665, 17.7818 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(129, 95, 114)` looks like.

```
.text, #text, p{  
    color:rgb(129, 95, 114)  
}
```

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(129, 95, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 95, 114) }
```

Border

The CSS property to change the border of an element to XYZ 16.1827, 14.0665, 17.7818 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(129, 95, 114) }
```


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

```
.border{ border-color:rgb(129, 95, 114) }
```

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

Here you see how a box with a 4 pixel rgb(129, 95, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 95, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 95, 114);  
box-shadow:4px 4px 4px 4px rgb(129, 95,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1827, 14.0665, 17.7818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 95, 114) }
```

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

```
.background{ background-color: rgb(129, 95,  
114) }
```

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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