

Converting Colors

XYZ(17.2712, 14.7378, 18.9526)

Have a look what the booklet for
XYZ(17.2712, 14.7378, 18.9526)
contains.

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Color

**XYZ(17.2844, 14.7421,
19.0741)**

Conversions

Conversions Part 1

Format	Color
Hex	866076
RGB	134, 96, 118
RGB Percent	53%, 38%, 46%
CMY	0.4745, 0.6235, 0.5373
CMYK	0.00, 0.28, 0.12, 0.47
HSL	325°, 17%, 45%
HSV	325°, 28%, 53%
XYZ	17.2844, 14.7421, 19.0741
YIQ	109.8700, 15.5860, 14.8980

Conversions

Conversions Part 2

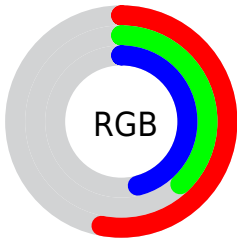
Format	Color
R_{YB}	134, 96, 118
Decimal	8806518
CIE Lab	45.28, 19.14, -6.25
CIE LCh	45, 20.138, 341.907
Yxy	14.7421, 0.3382, 0.2885
Android (android.graphics.Color)	4286996598 (0xFF866076)
YUV	109.8700, 4.0081, 21.1620
Hunter-Lab	38.3954, 13.1630, -2.5773

Details

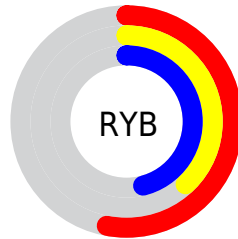
The XYZ color **17.2844, 14.7421, 19.0741** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.2742, 20.7072, 18.4693**, and the grayscale version is **14.7699, 15.5391, 16.9220**.

A 20% lighter version of the original color is **38.4285, 34.4611, 42.6565**, and **5.8600, 4.5236, 6.3586** is the 20% darker color. If you saturate the color by 10%, you get **15.8392, 12.3722, 16.9873**, and if you desaturate by 10%, it is **18.9589, 17.5382, 21.3367**.

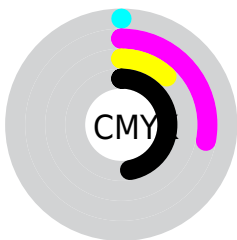
Distribution



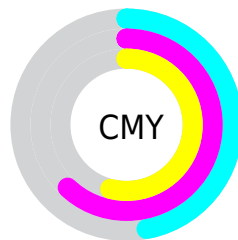
- Red (53%)
- Green (38%)
- Blue (46%)



- Red (53%)
- Yellow (38%)
- Blue (46%)



- Cyan (0%)
- Magenta (28%)
- Yellow (12%)
- Black (47%)



- Cyan (47%)
- Magenta (62%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2844, 14.7421, 19.0741 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 17.2844, 14.7421, 19.0741 by changing the saturation by 10% instead.

■ 17.2844, 14.7421,
19.0741

■ 17.2844, 14.7421,
19.0741

229.9304,
221.7999, 259.2939

■ 10.5340, 8.6386,
11.5465

■ 38.3538, 34.4001,
42.6976

■ 5.8194, 4.5062,
6.3169

■ 53.4036, 48.7234,
59.6306

■ 2.7752, 1.9606,
2.9668

■ 71.9506, 66.5554,
80.5358

■ 1.0360, 0.5844,
1.0777

■ 94.3600, 88.2805,
105.8318

■ 0.0000, 0.0000,
0.0000

120.9974,
114.2831, 135.9370

152.2280,

144.9476, 171.2701

188.4173,
180.6584, 212.2495

■ 17.2844, 14.7421,
19.0741

■ 17.2844, 14.7421,
19.0741

■ 15.8392, 12.3722,
16.9873

■ 18.9589, 17.5382,
21.3367

■ 14.6112, 10.4052,
15.0700

■ 20.8717, 20.7782,
23.7791

■ 13.5888, 8.8187,
13.3168

■ 23.0326, 24.4813,
26.4066

■ 12.7591, 7.5871,
11.7214

■ 25.4506, 28.6651,
29.2236

■ 12.1075, 6.6818,
10.2773

■ 28.1343, 33.3460,
32.2347

■ 11.6170, 6.0697,
8.9768

■ 31.0919, 38.5399,
35.4440

■ 11.2488, 5.6735,
7.8050

■ 34.3310, 44.2617,
38.8556

■ 11.1916, 5.6124,
7.6217

■ 37.8591, 50.5260,
42.4734

■ 41.6835, 57.3465,
46.3014

Harmonies

Analogous

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



16.2634, 14.7421, 23.8972



17.2844, 14.7421, 19.0741



17.3876, 14.7421, 14.2314

Triad

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



17.2844, 14.7421, 19.0741



13.3610, 14.7421, 8.6415



11.7596, 14.7421, 22.9957

Complementary

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



17.2844, 14.7421, 19.0741



16.2742, 20.7072, 18.4693

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.



11.1042, 14.7421, 18.0209



17.2844, 14.7421, 19.0741



11.9785, 14.7421, 10.1440

Square

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



17.2844, 14.7421, 19.0741



15.0310, 14.7421, 8.8123



11.1810, 14.7421, 13.3666



13.0400, 14.7421, 26.4524

Rectangle

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



17.2844, 14.7421, 19.0741



16.9124, 14.7421, 11.6727



11.1810, 14.7421, 13.3666



11.4636, 14.7421, 21.4080

Sweetspot

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



17.2848, 14.7428, 19.0744



36.4731, 36.0971, 41.5213



15.1475, 13.5216, 24.3660



8.1170, 7.9621, 9.2289



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.2848, 14.7428, 19.0744



28.7806, 23.2213, 31.2214



16.2750, 14.3388, 13.7569



4.7771, 4.7305, 5.4387



10.4935, 5.2617, 7.1711



0.0400, 0.0197, 0.0441

Inverse Universe

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



17.2848, 14.7428, 19.0744



28.7806, 23.2213, 31.2214



17.4349, 21.1715, 24.5814



4.7771, 4.7305, 5.4387



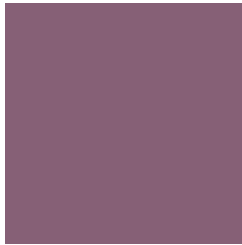
10.4935, 5.2617, 7.1711



0.0400, 0.0197, 0.0441

Previews

White Background



This preview shows how the XYZ color 17.2844, 14.7421, 19.0741 looks on a white background.

Color Contrast Check

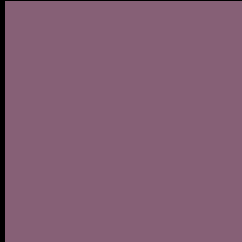
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2844, 14.7421, 19.0741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

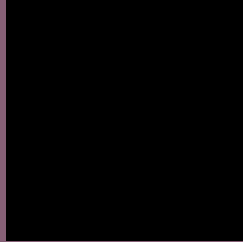
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.2844, 14.7421, 19.0741

Background



This preview shows how black text looks on a background with the XYZ color 17.2844, 14.7421, 19.0741.



This preview shows how white text looks on a background with the XYZ color 17.2844, 14.7421,

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

17.2844, 14.7421, 19.0741

Protanopia

14.6683, 14.9391, 21.5125

Deuteranopia

15.0421, 14.7390, 18.5751



Tritanopia

16.4849, 14.6815, 15.6006

Trichromacy



Original Color

17.2844, 14.7421, 19.0741

Protanomaly

15.4333, 14.7505, 20.4461

Deuteranomaly

15.7497, 14.6567, 18.8285

Tritanomaly

16.7620, 14.6617, 16.6984

Monochromacy



Original Color

17.2844, 14.7421, 19.0741

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.6400, 15.2173, 17.7357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2844, 14.7421, 19.0741 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(134, 96, 118)` looks like.

```
.text, #text, p{  
    color:rgb(134, 96, 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(134, 96, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 96, 118) }
```

Border

The CSS property to change the border of an element to XYZ 17.2844, 14.7421, 19.0741 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(134, 96, 118) }
```


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

```
.border{ border-color:rgb(134, 96, 118) }
```

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

Here you see how a box with a 4 pixel rgb(134, 96, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 96, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 96, 118);  
box-shadow:4px 4px 4px 4px rgb(134, 96,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2844, 14.7421, 19.0741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 96, 118) }
```

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

```
.background{ background-color: rgb(134, 96,  
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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