

Converting Colors

XYZ(17.6298, 16.4252, 17.2085)

Have a look what the booklet for
XYZ(17.6298, 16.4252, 17.2085)
contains.

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Color

**XYZ(17.6961, 16.4423,
17.2799)**

Conversions

Conversions Part 1

Format	Color
Hex	856A6F
RGB	133, 106, 111
RGB Percent	52%, 42%, 44%
CMY	0.4784, 0.5843, 0.5647
CMYK	0.00, 0.20, 0.17, 0.48
HSL	349°, 11%, 47%
HSV	349°, 20%, 52%
XYZ	17.6961, 16.4423, 17.2799
YIQ	114.6430, 14.4870, 7.2790

Conversions

Conversions Part 2

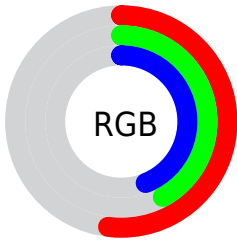
Format	Color
R_{YB}	133, 106, 111
Decimal	8743535
CIE _{Lab}	47.55, 11.59, 1.29
CIE _{LCh}	48, 11.658, 6.333
Yxy	16.4423, 0.3442, 0.3198
Android (android.graphics.Color)	4286933615 (0xFF856A6F)
YUV	114.6430, -1.7960, 16.0991
Hunter-Lab	40.5491, 6.9385, 3.1181

Details

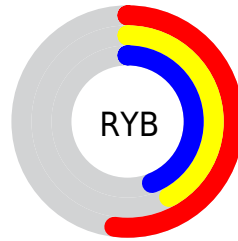
The XYZ color **17.6961, 16.4423, 17.2799** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.2283, 21.3981, 23.5926**, and the grayscale version is **16.1902, 17.0334, 18.5494**.

A 20% lighter version of the original color is **38.9175, 37.1974, 39.7790**, and **6.0284, 5.3258, 5.4129** is the 20% darker color. If you saturate the color by 10%, you get **15.8694, 13.6865, 13.9033**, and if you desaturate by 10%, it is **19.8088, 19.6537, 21.1095**.

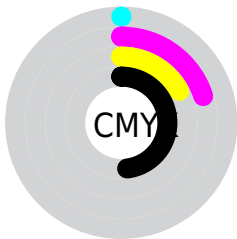
Distribution



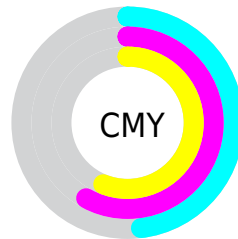
- Red (52%)
- Green (42%)
- Blue (44%)



- Red (52%)
- Yellow (42%)
- Blue (44%)



- Cyan (0%)
- Magenta (20%)
- Yellow (17%)
- Black (48%)



- Cyan (48%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6961, 16.4423, 17.2799 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 17.6961, 16.4423, 17.2799 by changing the saturation by 10% instead.

■ 17.6961, 16.4423,
17.2799

■ 17.6961, 16.4423,
17.2799

232.2314,
231.9377, 248.8786

■ 10.8304, 9.8377,
10.2702

■ 39.0530, 37.3644,
39.6036

■ 6.0193, 5.2915,
5.4705

■ 54.2748, 52.4506,
55.7547

■ 2.8976, 2.4193,
2.4624

■ 73.0128, 71.1328,
75.7900

■ 1.0999, 0.8358,
0.8201

■ 95.6322, 93.7955,
100.1281

■ 0.0250, 0.0000,
0.0000

122.4984,
120.8228, 129.1874

■ 0.0000, 0.0000,
0.0000

153.9767,

152.5994, 163.3866

190.4326,
189.5096, 203.1441

■ 17.6961, 16.4423,
17.2799

■ 17.6961, 16.4423,
17.2799

■ 15.8694, 13.6865,
13.9033

■ 19.8088, 19.6537,
21.1095

■ 14.3149, 11.3636,
10.9617

■ 22.2176, 23.3378,
25.4071

■ 13.0198, 9.4521,
8.4377

■ 24.9339, 27.5134,
30.1881

■ 11.9697, 7.9279,
6.3121

■ 27.9682, 32.1978,
35.4670

■ 11.1488, 6.7644,
4.5642

■ 31.3304, 37.4072,
41.2576

■ 10.5394, 5.9314,
3.1713

■ 35.0298, 43.1574,
47.5734

■ 10.1210, 5.3941,
2.1083

■ 39.0756, 49.4632,
54.4271

■ 9.8443, 5.0551,
1.3552

■ 43.4765, 56.3392,
61.8312

■ 48.2409, 63.7991,
69.7976

Harmonies

Analogous

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



17.5276, 16.4423, 20.2961



17.6961, 16.4423, 17.2799



17.2910, 16.4423, 14.7262

Triad

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



17.6961, 16.4423, 17.2799



14.4753, 16.4423, 13.6827



14.8406, 16.4423, 23.6632

Complementary

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



17.6961, 16.4423, 17.2799



18.2283, 21.3981, 23.5926

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.



14.0750, 16.4423, 21.5064



17.6961, 16.4423, 17.2799



13.8707, 16.4423, 15.7056

Square

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



17.6961, 16.4423, 17.2799



15.4088, 16.4423, 12.8028



13.7275, 16.4423, 18.5406



15.8490, 16.4423, 24.2041

Rectangle

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



17.6961, 16.4423, 17.2799



16.7603, 16.4423, 13.5556



13.7275, 16.4423, 18.5406



14.5477, 16.4423, 23.0924

Sweetspot

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



17.6966, 16.4430, 17.2802



37.2031, 37.8366, 40.9024



18.2302, 16.5605, 24.4260



8.3313, 8.4475, 9.1251



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.



17.6966, 16.4430, 17.2802



30.2401, 27.2523, 28.2796



18.3035, 18.0850, 16.1627



4.7052, 4.7018, 5.0599



9.3792, 4.8160, 1.3034



0.0345, 0.0175, 0.0151

Inverse Universe

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



17.6966, 16.4430, 17.2802



30.2401, 27.2523, 28.2796



17.4990, 19.4001, 25.0126



4.7052, 4.7018, 5.0599



9.3792, 4.8160, 1.3034



0.0345, 0.0175, 0.0151

Previews

White Background



This preview shows how the XYZ color 17.6961, 16.4423, 17.2799 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 17.6961, 16.4423, 17.2799 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 17.6961, 16.4423, 17.2799

Background



This preview shows how black text looks on a background with the XYZ color 17.6961, 16.4423, 17.2799.



This preview shows how white text looks on a background with the XYZ color 17.6961, 16.4423,

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

17.6961, 16.4423, 17.2799

Protanopia

15.8281, 16.4036, 18.5516

Deuteranopia

16.7406, 16.4230, 17.0395



Tritanopia

17.8642, 16.5095, 18.1647

Trichromacy



Original Color

17.6961, 16.4423, 17.2799

Protanomaly

16.4984, 16.4317, 18.2217

Deuteranomaly

17.0791, 16.4401, 17.0249

Tritanomaly

17.8075, 16.4869, 17.8665

Monochromacy



Original Color

17.6961, 16.4423, 17.2799

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.8575, 16.9408, 18.3010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6961, 16.4423, 17.2799 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(133, 106, 111)` looks like.

```
.text, #text, p{  
    color:rgb(133, 106, 111)  
}
```

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(133, 106, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 106, 111) }
```

Border

The CSS property to change the border of an element to XYZ 17.6961, 16.4423, 17.2799 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(133, 106, 111) }
```


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

```
.border{ border-color:rgb(133, 106, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 106, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 106, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 106, 111);  
box-shadow:4px 4px 4px 4px rgb(133, 106,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6961, 16.4423, 17.2799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 106, 111) }
```

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

```
.background{ background-color: rgb(133,  
106, 111) }
```

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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