

Converting Colors

XYZ(28.9152, 27.5391, 24.1819)

Have a look what the booklet for
XYZ(28.9152, 27.5391, 24.1819)
contains.

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Color

**XYZ(28.8489, 27.4917,
24.2080)**

Conversions

Conversions Part 1

Format	Color
Hex	A88880
RGB	168, 136, 128
RGB Percent	66%, 53%, 50%
CMY	0.3412, 0.4666, 0.4980
CMYK	0.00, 0.19, 0.24, 0.34
HSL	12°, 19%, 58%
HSV	12°, 24%, 66%
XYZ	28.8489, 27.4917, 24.2080
YIQ	144.6560, 21.6400, 4.2960

Conversions

Conversions Part 2

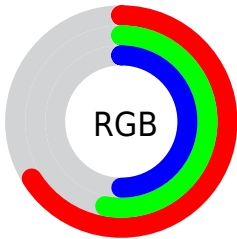
Format	Color
R_{YB}	168, 138, 128
Decimal	11044992
CIE _{Lab}	59.43, 10.91, 8.89
CIE _{LCh}	59, 14.067, 39.169
Yxy	27.4917, 0.3582, 0.3413
Android (android.graphics.Color)	4289235072 (0xFFA88880)
YUV	144.6560, -8.2114, 20.4727
Hunter-Lab	52.4325, 6.4556, 9.3287

Details

The XYZ color **28.8489, 27.4917, 24.2080** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **28.5404, 32.5570, 41.8258**, and the grayscale version is **26.8008, 28.1966, 30.7061**.

A 20% lighter version of the original color is **57.2786, 55.5787, 51.4249**, and **11.8093, 10.8649, 8.8719** is the 20% darker color. If you saturate the color by 10%, you get **26.0581, 23.5354, 18.2664**, and if you desaturate by 10%, it is **32.0617, 31.9984, 31.1942**.

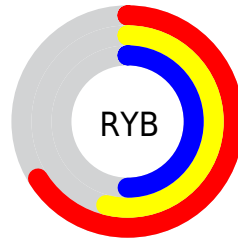
Distribution



Red (66%)

Green (53%)

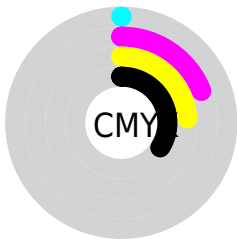
Blue (50%)



Red (66%)

Yellow (54%)

Blue (50%)

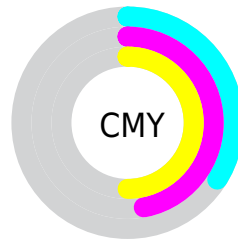


Cyan (0%)

Magenta (19%)

Yellow (24%)

Black (34%)



Cyan (34%)


Magenta (47%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.8489, 27.4917, 24.2080 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 28.8489, 27.4917, 24.2080 by changing the saturation by 10% instead.


 28.8489, 27.4917,
24.2080


 28.8489, 27.4917,
24.2080


288.5084,
290.0300, 287.1907


 19.1103, 17.9428,
15.2744


 57.2362, 55.6719,
51.3175

 11.8545, 10.9090,
8.8634


 76.6155, 75.0720,
70.3304

 6.7161, 6.0056,
4.5566


 99.9391, 98.5247,
93.5402

 3.3300, 2.8485,
1.9354

127.5723,
126.4143, 121.3654

 1.3306, 1.0532,
0.5151

159.8805,
159.1252, 154.2245

 0.2059, 0.0000,
0.0000

197.2290,

 0.0000, 0.0000,

197.0419, 192.5360

0.0000

239.9832,
240.5487, 236.7186

■ 28.8489, 27.4917,
24.2080

■ 28.8489, 27.4917,
24.2080

■ 26.0581, 23.5354,
18.2664

■ 32.0617, 31.9984,
31.1942

■ 23.6692, 20.1047,
13.3174

■ 35.7108, 37.0717,
39.2702

■ 21.6639, 17.1783,
9.3069


■ 39.8129, 42.7317,
48.4806

■ 20.0217, 14.7320,
6.1751


■ 44.3828, 48.9965,
58.8671


■ 18.7197, 12.7398,
3.8554


■ 49.4349, 55.8834,
70.4692


 17.7326, 11.1729,
2.2711


 54.9827, 63.4090,
83.3246

 17.0311, 9.9989,
1.3311

 61.0394, 71.5892,
97.4692

 16.7096, 9.4470,
0.9428

 66.4028, 79.9534,
106.5405

 69.9585, 87.0649,
107.7257

Harmonies

Analogous

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



29.6236, 27.4917, 28.4125



28.8489, 27.4917, 24.2080



27.3549, 27.4917, 21.7417

Triad

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



28.8489, 27.4917, 24.2080



23.0864, 27.4917, 26.6105



26.6742, 27.4917, 40.5842

Complementary

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



28.8489, 27.4917, 24.2080



28.5404, 32.5570, 41.8258

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.



24.9423, 27.4917, 39.9616



28.8489, 27.4917, 24.2080



22.9225, 27.4917, 31.5085

Square

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



28.8489, 27.4917, 24.2080



24.0457, 27.4917, 23.0166



23.5876, 27.4917, 36.4979



28.3314, 27.4917, 38.1142

Rectangle

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



28.8489, 27.4917, 24.2080



26.1793, 27.4917, 21.2335



23.5876, 27.4917, 36.4979



26.0809, 27.4917, 40.7352

Sweetspot

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



28.8496, 27.4930, 24.2086



62.5145, 64.0994, 66.1722



30.2130, 26.3016, 36.7422



13.5438, 13.8575, 14.2415



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.8496, 27.4930, 24.2086



49.3612, 45.6604, 37.5325



31.9334, 33.6605, 25.2365



7.6482, 7.7764, 7.8872



12.6487, 7.1947, 0.7220



0.3410, 0.2416, 0.0287

Inverse Universe

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



28.5404, 32.5570, 41.8258



48.6886, 56.5886, 75.5816



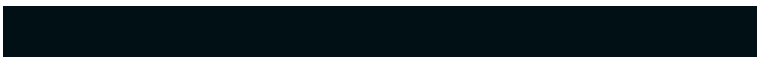
25.3484, 26.1728, 40.7618



7.6182, 8.2733, 9.6137



11.8520, 15.1643, 30.2778



0.3199, 0.4320, 0.7472

Previews

White Background



This preview shows how the XYZ color 28.8489, 27.4917, 24.2080 looks on a white background.

Color Contrast Check

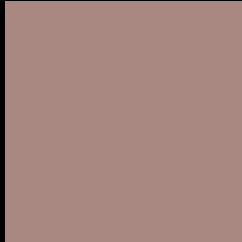
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 28.8489, 27.4917, 24.2080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

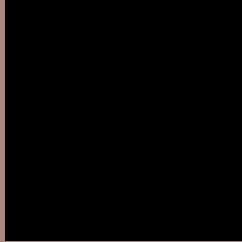
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.8489, 27.4917, 24.2080

Background



This preview shows how black text looks on a background with the XYZ color 28.8489, 27.4917, 24.2080.



This preview shows how white text looks on a background with the XYZ color 28.8489, 27.4917,

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

28.8489, 27.4917, 24.2080

Protanopia

26.3817, 27.7004, 25.7860

Deuteranopia

28.0890, 27.5220, 24.2539



Tritanopia

30.1367, 27.6099, 30.1264

Trichromacy



Original Color

28.8489, 27.4917, 24.2080

Protanomaly

27.1851, 27.4628, 25.3408

Deuteranomaly

28.3590, 27.4492, 24.2256

Tritanomaly

29.6136, 27.5979, 27.8109

Monochromacy



Original Color

28.8489, 27.4917, 24.2080

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.4701, 27.9824, 28.3794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8489, 27.4917, 24.2080 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(168, 136, 128)` looks like.

```
.text, #text, p{  
    color:rgb(168, 136, 128)  
}
```

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(168, 136, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 136, 128) }
```

Border

The CSS property to change the border of an element to XYZ 28.8489, 27.4917, 24.2080 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(168, 136, 128) }
```


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

```
.border{ border-color:rgb(168, 136, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 136, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 136, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 136, 128);  
box-shadow:4px 4px 4px 4px rgb(168, 136,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8489, 27.4917, 24.2080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 136, 128) }
```

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

```
.background{ background-color: rgb(168,  
136, 128) }
```

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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