

Converting Colors

XYZ(29.0249, 27.5799, 24.7691)

Have a look what the booklet for
XYZ(29.0249, 27.5799, 24.7691)
contains.

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Color

**XYZ(28.9819, 27.5449,
24.9083)**

Conversions

Conversions Part 1

Format	Color
Hex	A88882
RGB	168, 136, 130
RGB Percent	66%, 53%, 51%
CMY	0.3412, 0.4666, 0.4902
CMYK	0.00, 0.19, 0.23, 0.34
HSL	9°, 18%, 58%
HSV	9°, 23%, 66%
XYZ	28.9819, 27.5449, 24.9083
YIQ	144.8840, 20.9980, 4.9180

Conversions

Conversions Part 2

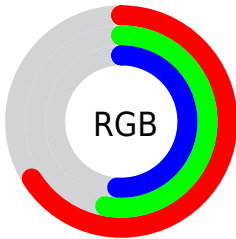
Format	Color
R_{YB}	168, 137, 130
Decimal	11044994
CIE _{Lab}	59.48, 11.21, 7.81
CIE _{LCh}	59, 13.665, 34.865
Yxy	27.5449, 0.3559, 0.3382
Android (android.graphics.Color)	4289235074 (0xFFA88882)
YUV	144.8840, -7.3378, 20.2727
Hunter-Lab	52.4832, 6.7243, 8.5995

Details

The XYZ color **28.9819, 27.5449, 24.9083** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.1938, 33.4127, 41.9566**, and the grayscale version is **26.8901, 28.2904, 30.8083**.

A 20% lighter version of the original color is **57.4853, 55.6614, 52.5137**, and **11.8832, 10.8945, 9.2611** is the 20% darker color. If you saturate the color by 10%, you get **26.0827, 23.4060, 18.8253**, and if you desaturate by 10%, it is **32.3297, 32.2859, 32.0499**.

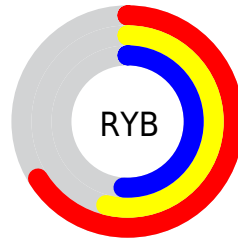
Distribution



Red (66%)

Green (53%)

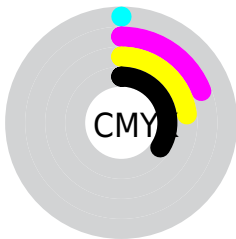
Blue (51%)



Red (66%)

Yellow (54%)

Blue (51%)

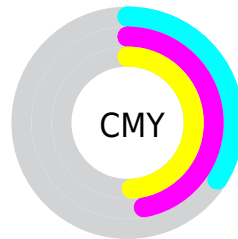


Cyan (0%)

Magenta (19%)

Yellow (23%)

Black (34%)



Cyan (34%)

Magenta (47%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9819, 27.5449, 24.9083 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 28.9819, 27.5449, 24.9083 by changing the saturation by 10% instead.

■ 28.9819, 27.5449,
24.9083

■ 28.9819, 27.5449,
24.9083

289.1253,
290.2858, 290.8140

■ 19.2113, 17.9829,
15.7903

■ 57.4461, 55.7570,
52.4707

■ 11.9280, 10.9377,
9.2232

■ 76.8704, 75.1759,
71.7522

■ 6.7665, 6.0250,
4.7882

■ 100.2434, 98.6492,
95.2587

■ 3.3615, 2.8603,
2.0670

127.9304,
126.5614, 123.4086

■ 1.3477, 1.0592,
0.5960

160.2967,
159.2967, 156.6206

■ 0.2185, 0.0000,
0.0000

197.7077,

■ 0.0000, 0.0000,

197.2396, 195.3131

0.0000

240.5288,
240.7745, 239.9047

■ 28.9819, 27.5449,
24.9083

■ 28.9819, 27.5449,
24.9083

■ 26.0827, 23.4060,
18.8253

■ 32.3297, 32.2859,
32.0499

■ 23.6107, 19.8414,
13.7487

■ 36.1419, 37.6479,
40.2953

■ 21.5461, 16.8267,
9.6246

■ 40.4362, 43.6535,
49.6894

■ 19.8666, 14.3344,
6.3932

■ 45.2287, 50.3233,
60.2739

■ 18.5478, 12.3344,
3.9881

■ 50.5347, 57.6768,
72.0885

■ 17.5623, 10.7935,
2.3332

■ 56.3690, 65.7326,
85.1710

■ 16.8784, 9.6745,
1.3386

■ 62.7457, 74.5088,
99.5576

■ 16.5300, 9.0879,
0.8829

■ 68.1273, 83.4024,
107.1153

■ 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.



29.6073, 27.5449, 29.1975



28.9819, 27.5449, 24.9083



27.6071, 27.5449, 22.2254

Triad

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



28.9819, 27.5449, 24.9083



23.3060, 27.5449, 26.1548



26.4614, 27.5449, 40.4255

Complementary

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



28.9819, 27.5449, 24.9083



29.1938, 33.4127, 41.9566

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.



24.8041, 27.5449, 39.3844



28.9819, 27.5449, 24.9083



23.0290, 27.5449, 30.8002

Square

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



28.9819, 27.5449, 24.9083



24.3396, 27.5449, 22.8880



23.5659, 27.5449, 35.7236



28.1122, 27.5449, 38.4313

Rectangle

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



28.9819, 27.5449, 24.9083



26.4770, 27.5449, 21.5311



23.5659, 27.5449, 35.7236



25.8864, 27.5449, 40.4208

Sweetspot

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



28.9826, 27.5462, 24.9089



62.3582, 63.7868, 66.1201



30.6796, 26.9098, 37.8997



13.5073, 13.7845, 14.2294



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.



28.9826, 27.5462, 24.9089



49.9273, 46.1890, 39.5825



31.8495, 33.2798, 25.8645



7.6233, 7.7266, 7.8789



12.5084, 6.9140, 0.6753



0.3317, 0.2229, 0.0255

Inverse Universe

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



29.1938, 33.4127, 41.9566



50.3739, 58.6794, 75.8964



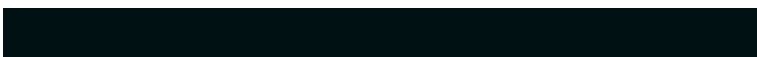
26.1417, 27.3085, 40.9392



7.6451, 8.3272, 9.6227



12.6122, 16.6845, 30.5312



0.3331, 0.4584, 0.7516

Previews

White Background



This preview shows how the XYZ color 28.9819, 27.5449, 24.9083 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 28.9819, 27.5449, 24.9083 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 28.9819, 27.5449, 24.9083

Background



This preview shows how black text looks on a background with the XYZ color 28.9819, 27.5449, 24.9083.



This preview shows how white text looks on a background with the XYZ color 28.9819, 27.5449,

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

28.9819, 27.5449, 24.9083

Protanopia

26.3383, 27.6621, 26.5054

Deuteranopia

28.0180, 27.4700, 24.9446



Tritanopia

30.1367, 27.6099, 30.1264

Trichromacy



Original Color

28.9819, 27.5449, 24.9083

Protanomaly

27.1293, 27.4182, 26.0527

Deuteranomaly

28.2848, 27.3955, 24.9162

Tritanomaly

29.6864, 27.6270, 28.1940

Monochromacy



Original Color

28.9819, 27.5449, 24.9083

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.5435, 28.0118, 28.7661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9819, 27.5449, 24.9083 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(168, 136, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 136, 130) }
```

Border

The CSS property to change the border of an element to XYZ 28.9819, 27.5449, 24.9083 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, 130) }
```


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

```
.border{ border-color:rgb(168, 136, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 136, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 136, 130);  
box-shadow:4px 4px 4px 4px rgb(168, 136,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9819, 27.5449, 24.9083 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, 130) }
```

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

```
.background{ background-color: rgb(168,  
136, 130) }
```

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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