

Converting Colors

XYZ(28.4344, 27.0511, 53.5919)

Have a look what the booklet for
XYZ(28.4344, 27.0511, 53.5919)
contains.

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Color

**XYZ(28.4344, 27.0511,
53.5919)**

Conversions

Conversions Part 1

Format	Color
Hex	868AC0
RGB	134, 138, 192
RGB Percent	53%, 54%, 75%
CMY	0.4745, 0.4588, 0.2471
CMYK	0.30, 0.28, 0.00, 0.25
HSL	236°, 32%, 64%
HSV	236°, 30%, 75%
XYZ	28.4344, 27.0511, 53.5919
YIQ	142.9600, -19.7180, 15.9460

Conversions

Conversions Part 2

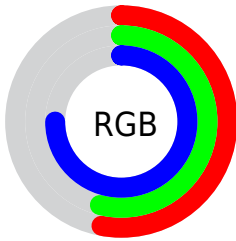
Format	Color
RYB	134, 138, 192
Decimal	8817344
CIELab	59.02, 11.04, -28.56
CIELCh	59, 30.620, 291.125
Yxy	27.0511, 0.2607, 0.2480
Android (android.graphics.Color)	4287007424 (0xFF868AC0)
YUV	142.9600, 24.1767, -7.8579
Hunter-Lab	52.0107, 6.5678, -24.6851

Details

The XYZ color **28.4344, 27.0511, 53.5919** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.0249, 48.8943, 29.6723**, and the grayscale version is **26.0055, 27.3598, 29.7948**.

A 20% lighter version of the original color is **56.4687, 54.7925, 97.2223**, and **11.5568, 10.6083, 25.4832** is the 20% darker color. If you saturate the color by 10%, you get **23.2906, 20.9009, 52.6764**, and if you desaturate by 10%, it is **34.5577, 34.3341, 54.6754**.

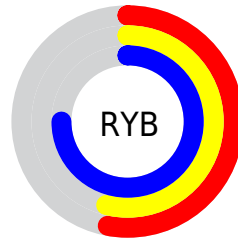
Distribution



Red (53%)

Green (54%)

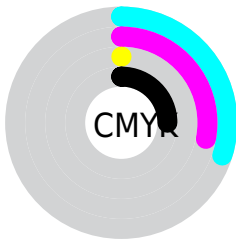
Blue (75%)



Red (53%)

Yellow (54%)

Blue (75%)

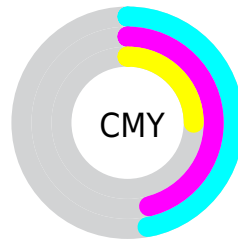


Cyan (30%)

Magenta (28%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (46%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4344, 27.0511, 53.5919 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 28.4344, 27.0511, 53.5919 by changing the saturation by 10% instead.

■ 28.4344, 27.0511,
53.5919

■ 28.4344, 27.0511,
53.5919

286.5794,
287.9045, 417.6824

■ 18.7955, 17.6116,
37.8845

■ 56.5810, 54.9659,
96.9251

■ 11.6257, 10.6715,
25.5919

■ 75.8195, 74.2099,
125.3881

■ 6.5597, 5.8464,
16.2956

■ 98.9885, 97.4909,
158.9400

■ 3.2322, 2.7519,
9.5770

126.4534,
125.1933, 197.9993

■ 1.2777, 1.0036,
5.0175

158.5796,
157.7015, 242.9847

■ 0.1664, 0.0000,
2.1986

195.7325,

■ 0.0000, 0.0000,

195.3998, 294.3147

0.6736

238.2773,
238.6726, 352.4077

■ 0.0000, 0.0000,
0.0000

■ 28.4344, 27.0511,
53.5919

■ 28.4344, 27.0511,
53.5919

■ 23.2906, 20.9009,
52.6764

■ 34.5577, 34.3341,
54.6754

■ 19.0728, 15.8234,
51.9186

■ 41.7049, 42.7993,
55.9327

■ 15.7266, 11.7580,
51.3103

■ 49.9207, 52.4975,
57.3716

■ 13.1910, 8.6368,
50.8415

■ 59.2467, 63.4750,
58.9989

■ 11.3966, 6.3833,
50.5011

■ 69.7220, 75.7763,
60.8212

■ 10.2627, 4.9092,
50.2763

■ 81.3840, 89.4433,
62.8445

■ 9.6616, 4.0999,
50.1518

■ 86.5145, 96.5858,
63.9528

Harmonies

Analogous

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



24.6007, 27.0511, 55.3321



28.4344, 27.0511, 53.5919



31.8269, 27.0511, 44.6299

Triad

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



28.4344, 27.0511, 53.5919



30.5732, 27.0511, 15.9862



19.1489, 27.0511, 26.3431

Complementary

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



28.4344, 27.0511, 53.5919



44.0249, 48.8943, 29.6723

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.



20.4340, 27.0511, 18.1795



28.4344, 27.0511, 53.5919



26.8547, 27.0511, 13.2438

Square

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



28.4344, 27.0511, 53.5919



33.1438, 27.0511, 22.5402



23.1678, 27.0511, 13.9335



19.4823, 27.0511, 37.6542

Rectangle

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



28.4344, 27.0511, 53.5919



33.2601, 27.0511, 36.7527



23.1678, 27.0511, 13.9335



19.4009, 27.0511, 23.1919

Sweetspot

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



28.4353, 27.0522, 53.5925



77.0557, 79.3101, 101.6074



37.6693, 46.3632, 54.0714



16.0910, 16.4945, 21.7210



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



28.4353, 27.0522, 53.5925



45.3860, 41.6868, 96.0146



32.1736, 28.1428, 53.6060



9.5829, 9.8571, 12.6824



6.5228, 2.8021, 33.7537



0.3014, 0.1603, 1.4649

Inverse Universe

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



34.8515, 30.0925, 28.0175



58.8442, 48.1833, 42.3435



39.2663, 47.7276, 29.6979



10.1008, 10.0889, 10.6211



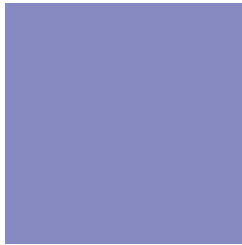
14.6884, 7.5651, 1.0051



0.6445, 0.3308, 0.0955

Previews

White Background



This preview shows how the XYZ color 28.4344, 27.0511, 53.5919 looks on a white background.

Color Contrast Check

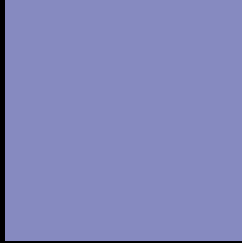
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4344, 27.0511, 53.5919 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 28.4344, 27.0511, 53.5919

Background



This preview shows how black text looks on a background with the XYZ color 28.4344, 27.0511, 53.5919.



This preview shows how white text looks on a background with the XYZ color 28.4344, 27.0511,

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

28.4344, 27.0511, 53.5919

Protanopia

27.7199, 27.0868, 54.8062

Deuteranopia

27.7946, 27.1511, 53.6449



Tritanopia

24.7303, 27.0867, 35.3773

Trichromacy



Original Color

28.4344, 27.0511, 53.5919

Protanomaly

27.9115, 26.9826, 54.1891

Deuteranomaly

27.9530, 27.0168, 53.6107

Tritanomaly

25.8877, 26.8777, 41.3596

Monochromacy



Original Color

28.4344, 27.0511, 53.5919

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.7731, 27.1984, 37.5569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4344, 27.0511, 53.5919 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, 138, 192)` looks like.

```
.text, #text, p{  
    color:rgb(134, 138, 192)  
}
```

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, 138, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 138, 192) }
```

Border

The CSS property to change the border of an element to XYZ 28.4344, 27.0511, 53.5919 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, 138, 192) }
```


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

```
.border{ border-color:rgb(134, 138, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 138, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 138, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 138, 192);  
box-shadow:4px 4px 4px 4px rgb(134, 138,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4344, 27.0511, 53.5919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 138, 192) }
```

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

```
.background{ background-color: rgb(134,  
138, 192) }
```

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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