

Converting Colors

XYZ(28.4077, 27.5799, 58.4698)

Have a look what the booklet for
XYZ(28.4077, 27.5799, 58.4698)
contains.

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Color

**XYZ(28.4077, 27.5799,
58.4698)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8DC8
RGB	125, 141, 200
RGB Percent	49%, 55%, 78%
CMY	0.5098, 0.4470, 0.2157
CMYK	0.37, 0.29, 0.00, 0.22
HSL	227°, 41%, 64%
HSV	227°, 37%, 78%
XYZ	28.4077, 27.5799, 58.4698
YIQ	142.9420, -28.4750, 14.9570

Conversions

Conversions Part 2

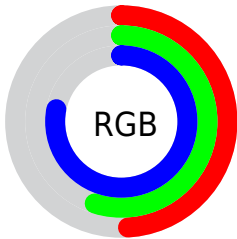
Format	Color
RYB	125, 138, 200
Decimal	8228296
CIELab	59.51, 8.84, -32.38
CIELCh	60, 33.562, 285.267
Yxy	27.5799, 0.2482, 0.2410
Android (android.graphics.Color)	4286418376 (0xFF7D8DC8)
YUV	142.9420, 28.1296, -15.7351
Hunter-Lab	52.5166, 4.6517, -29.2495

Details

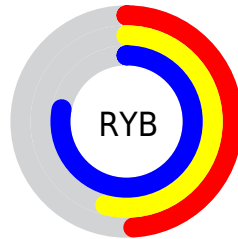
The XYZ color **28.4077, 27.5799, 58.4698** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.6624, 48.0419, 26.3223**, and the grayscale version is **25.9856, 27.3389, 29.7721**.

A 20% lighter version of the original color is **56.1642, 55.5069, 102.3615**, and **11.6019, 10.9352, 28.6934** is the 20% darker color. If you saturate the color by 10%, you get **23.6193, 21.9091, 57.6281**, and if you desaturate by 10%, it is **34.1155, 34.2150, 59.4502**.

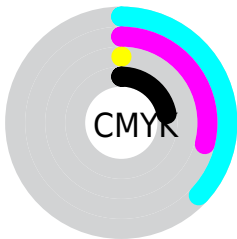
Distribution



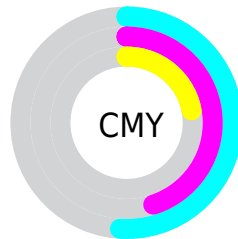
- Red (49%)
- Green (55%)
- Blue (78%)



- Red (49%)
- Yellow (54%)
- Blue (78%)



- Cyan (37%)
- Magenta (29%)
- Yellow (0%)
- Black (22%)



- Cyan (51%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4077, 27.5799, 58.4698 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 28.4077, 27.5799, 58.4698 by changing the saturation by 10% instead.

■ 28.4077, 27.5799,
58.4698

■ 28.4077, 27.5799,
58.4698

286.4548,
290.4540, 436.5813

■ 18.7752, 18.0092,
41.7693

■ 56.5388, 55.8130,
104.1282

■ 11.6110, 10.9566,
28.5964

■ 75.7682, 75.2443,
133.9232

■ 6.5497, 6.0377,
18.5328

■ 98.9272, 98.7312,
168.9200

■ 3.2259, 2.8680,
11.1598

126.3812,
126.6581, 209.5372

■ 1.2743, 1.0632,
6.0589

158.4957,
159.4094, 256.1935

■ 0.1639, 0.0000,
2.8116

195.6358,

■ 0.0000, 0.0000,

197.3696, 309.3072

0.9992

238.1671,
240.9230, 369.2969

■ 0.0000, 0.0000,
0.0000

■ 28.4077, 27.5799,
58.4698

■ 28.4077, 27.5799,
58.4698

■ 23.6193, 21.9091,
57.6281

■ 34.1155, 34.2150,
59.4502

■ 19.6980, 17.1535,
56.9169

■ 40.7853, 41.8540,
60.5731

■ 16.5908, 13.2644,
56.3299

■ 48.4606, 50.5382,
61.8448

■ 14.2370, 10.1867,
55.8599

■ 57.1811, 60.3054,
63.2704

■ 12.5673, 7.8587,
55.4986

■ 66.9847, 71.1917,
64.8550

■ 11.4887, 6.2038,
55.2360

■ 77.9070, 83.2314,
66.6032

■ 11.2772, 5.8737,
55.1835

■ 86.2054, 94.5102,
68.3429

■ 87.4254, 96.9502,
68.7495

Harmonies

Analogous

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



24.2050, 27.5799, 58.5570



28.4077, 27.5799, 58.4698



32.4071, 27.5799, 49.5212

Triad

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



28.4077, 27.5799, 58.4698



32.3457, 27.5799, 16.3680



19.1271, 27.5799, 24.5019

Complementary

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



28.4077, 27.5799, 58.4698



44.6624, 48.0419, 26.3223

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.



20.8646, 27.5799, 16.4702



28.4077, 27.5799, 58.4698



28.3309, 27.5799, 12.7031

Square

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



28.4077, 27.5799, 58.4698



34.8414, 27.5799, 24.3201



24.1360, 27.5799, 12.7346



19.1429, 27.5799, 36.5698

Rectangle

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



28.4077, 27.5799, 58.4698



34.2909, 27.5799, 40.8330



24.1360, 27.5799, 12.7346



19.5166, 27.5799, 21.3229

Sweetspot

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



28.4087, 27.5809, 58.4705



78.8330, 81.7832, 106.2385



37.7381, 49.1195, 52.7029



16.4790, 17.0589, 22.6741



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



28.4087, 27.5809, 58.4705



42.3138, 39.6300, 100.0269



29.6585, 24.9725, 57.9011



10.2370, 10.6482, 13.4332



7.2244, 3.8427, 35.1053



0.3965, 0.2909, 1.6804

Inverse Universe

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



35.9616, 28.8708, 28.8776



57.4216, 42.7961, 40.7024



42.8894, 52.3438, 27.2461



10.7249, 10.6734, 11.5347



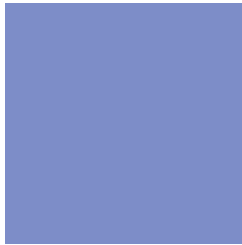
15.4459, 7.9279, 2.2919



0.7589, 0.3864, 0.2533

Previews

White Background



This preview shows how the XYZ color 28.4077, 27.5799, 58.4698 looks on a white background.

Color Contrast Check

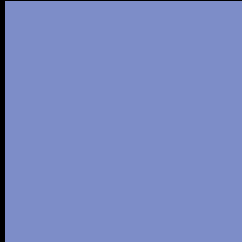
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4077, 27.5799, 58.4698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

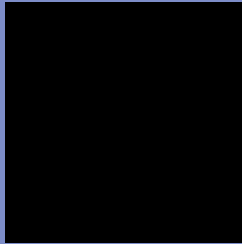
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.4077, 27.5799, 58.4698

Background



This preview shows how black text looks on a background with the XYZ color 28.4077, 27.5799, 58.4698.



This preview shows how white text looks on a background with the XYZ color 28.4077, 27.5799,

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

28.4077, 27.5799, 58.4698

Protanopia

28.4077, 27.5799, 58.4698

Deuteranopia

28.2624, 27.5050, 58.4630



Tritanopia

24.1628, 27.6778, 37.3265

Trichromacy



Original Color

28.4077, 27.5799, 58.4698

Protanomaly

28.4077, 27.5799, 58.4698

Deuteranomaly

28.2624, 27.5050, 58.4630

Tritanomaly

25.6245, 27.5749, 44.5294

Monochromacy



Original Color

28.4077, 27.5799, 58.4698

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.5272, 27.2606, 38.9856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4077, 27.5799, 58.4698 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(125, 141, 200)` looks like.

```
.text, #text, p{  
    color:rgb(125, 141, 200)  
}
```

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(125, 141, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 141, 200) }
```

Border

The CSS property to change the border of an element to XYZ 28.4077, 27.5799, 58.4698 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(125, 141, 200) }
```


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

```
.border{ border-color:rgb(125, 141, 200) }
```

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

Here you see how a box with a 4 pixel rgb(125, 141, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 141, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 141, 200);  
box-shadow:4px 4px 4px 4px rgb(125, 141,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4077, 27.5799, 58.4698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 141, 200) }
```

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

```
.background{ background-color: rgb(125,  
141, 200) }
```

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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