

Converting Colors

XYZ(27.0814, 28.8351, 57.8298)

Have a look what the booklet for
XYZ(27.0814, 28.8351, 57.8298)
contains.

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Color

**XYZ(27.0039, 28.6979,
57.5421)**

Conversions

Conversions Part 1

Format	Color
Hex	6B95C6
RGB	107, 149, 198
RGB Percent	42%, 58%, 78%
CMY	0.5804, 0.4157, 0.2235
CMYK	0.46, 0.25, 0.00, 0.22
HSL	212°, 44%, 60%
HSV	212°, 46%, 78%
XYZ	27.0039, 28.6979, 57.5421
YIQ	142.0280, -40.7610, 6.3350

Conversions

Conversions Part 2

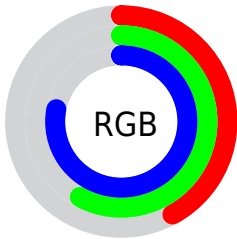
Format	Color
RYB	107, 136, 198
Decimal	7050694
CIELab	60.51, -1.10, -29.78
CIElCh	61, 29.798, 267.880
Yxy	28.6979, 0.2385, 0.2534
Android (android.graphics.Color)	4285240774 (0xFF6B95C6)
YUV	142.0280, 27.5942, -30.7196
Hunter-Lab	53.5704, -3.7695, -26.1864

Details

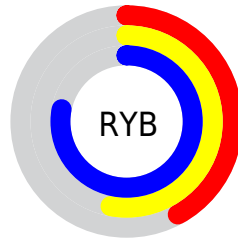
The XYZ color **27.0039, 28.6979, 57.5421** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **37.8319, 36.8454, 19.0290**, and the grayscale version is **25.6289, 26.9636, 29.3634**.

A 20% lighter version of the original color is **54.3062, 57.6133, 102.8660**, and **10.9121, 11.6674, 28.0625** is the 20% darker color. If you saturate the color by 10%, you get **23.2802, 24.3882, 56.9070**, and if you desaturate by 10%, it is **31.4291, 33.5996, 58.2555**.

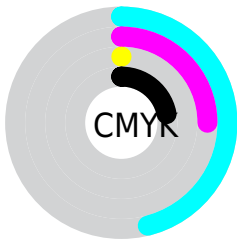
Distribution



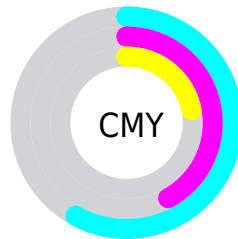
- Red (42%)
- Green (58%)
- Blue (78%)



- Red (42%)
- Yellow (53%)
- Blue (78%)



- Cyan (46%)
- Magenta (25%)
- Yellow (0%)
- Black (22%)



- Cyan (58%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0039, 28.6979, 57.5421 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 27.0039, 28.6979, 57.5421 by changing the saturation by 10% instead.

■ 27.0039, 28.6979,
57.5421

■ 27.0039, 28.6979,
57.5421

279.8432,
295.7869, 433.0280

■ 17.7128, 18.8524,
41.0284

■ 54.3100, 57.5968,
102.7639

■ 10.8424, 11.5637,
28.0214

■ 73.0556, 77.4189,
132.3091

■ 6.0275, 6.4473,
18.1026

■ 95.6834, 101.3354,
167.0352

■ 2.9026, 3.1189,
10.8535

■ 122.5588,
129.7307, 207.3607

■ 1.1025, 1.1941,
5.8555

154.0472,
162.9890, 253.7042

■ 0.0272, 0.0569,
2.6900

190.5138,

■ 0.0000, 0.0000,

201.4949, 306.4843

0.9384

232.3240,
245.6328, 366.1193

■ 0.0000, 0.0000,
0.0000

■ 27.0039, 28.6979,
57.5421

■ 27.0039, 28.6979,
57.5421

■ 23.2802, 24.3882,
56.9070

■ 31.4291, 33.5996,
58.2555

■ 20.2131, 20.6396,
56.3451

■ 36.5908, 39.1155,
59.0481

■ 17.7568, 17.4227,
55.8537

■ 42.5253, 45.2706,
59.9234

■ 15.8575, 14.7029,
55.4288

■ 49.2652, 52.0873,
60.8839

■ 14.4484, 12.4389,
55.0661

■ 56.8415, 59.5867,
61.9322

■ 13.9672, 11.6253,
54.9344

■ 65.2832, 67.7890,
63.0704

■ 74.6181, 76.7134,
64.3010

■ 80.9402, 84.3513,
65.4421

■ 84.0726, 90.6162,
66.4862

Harmonies

Analogous

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



23.5313, 28.6979, 52.8295



27.0039, 28.6979, 57.5421



30.8819, 28.6979, 53.9490

Triad

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



27.0039, 28.6979, 57.5421



34.3475, 28.6979, 22.3548



21.4817, 28.6979, 21.2870

Complementary

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



27.0039, 28.6979, 57.5421



37.8319, 36.8454, 19.0290

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.



23.9632, 28.6979, 16.0190



27.0039, 28.6979, 57.5421



31.3994, 28.6979, 16.5260

Square

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



27.0039, 28.6979, 57.5421



35.3519, 28.6979, 32.0370



27.5509, 28.6979, 14.5045



20.5352, 28.6979, 30.4704

Rectangle

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



27.0039, 28.6979, 57.5421



33.1362, 28.6979, 47.7082



27.5509, 28.6979, 14.5045



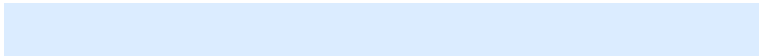
22.1519, 28.6979, 19.0888

Sweetspot

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



27.0049, 28.6990, 57.5428



77.2850, 82.1891, 106.3985



32.2197, 45.8993, 38.4081



16.0122, 17.0502, 22.6970



0.0000, 0.0000, 0.0000



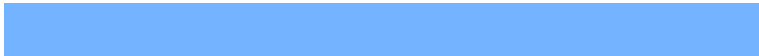
20.3446, 21.4041, 23.3091

Same Dimension

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



27.0049, 28.6990, 57.5428



41.3039, 43.2810, 100.7849



21.8863, 17.9109, 55.7303



10.4533, 11.0807, 13.5053



9.1668, 7.7275, 35.7528



0.5063, 0.5104, 1.7170

Inverse Universe

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



33.9721, 24.6922, 31.4103



55.5276, 36.7387, 47.0676



45.3457, 53.0480, 21.7604



10.8341, 10.7170, 12.1096



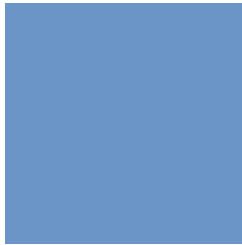
16.4263, 8.3201, 7.4548



0.8143, 0.4085, 0.5450

Previews

White Background



This preview shows how the XYZ color 27.0039, 28.6979, 57.5421 looks on a white background.

Color Contrast Check

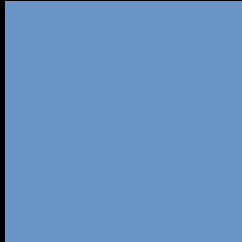
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0039, 28.6979, 57.5421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

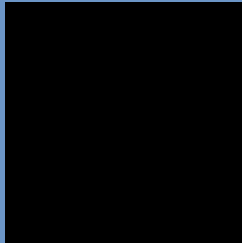
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0039, 28.6979, 57.5421

Background



This preview shows how black text looks on a background with the XYZ color 27.0039, 28.6979, 57.5421.

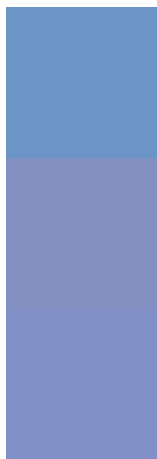


This preview shows how white text looks on a background with the XYZ color 27.0039, 28.6979,

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

27.0039, 28.6979, 57.5421

Protanopia

29.0709, 28.6669, 55.0400

Deuteranopia

29.3353, 28.7372, 58.0335



Tritanopia

23.7334, 28.8294, 40.8730

Trichromacy



Original Color

27.0039, 28.6979, 57.5421

Protanomaly

28.1553, 28.6355, 55.6730

Deuteranomaly

28.4728, 28.7462, 58.0807

Tritanomaly

24.7939, 28.7635, 46.3646

Monochromacy



Original Color

27.0039, 28.6979, 57.5421

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.7002, 27.5266, 38.1410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0039, 28.6979, 57.5421 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(107, 149, 198)` looks like.

```
.text, #text, p{  
    color:rgb(107, 149, 198)  
}
```

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(107, 149, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 149, 198) }
```

Border

The CSS property to change the border of an element to XYZ 27.0039, 28.6979, 57.5421 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(107, 149, 198) }
```


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

```
.border{ border-color:rgb(107, 149, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 149, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 149, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 149, 198);  
box-shadow:4px 4px 4px 4px rgb(107, 149,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0039, 28.6979, 57.5421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 149, 198) }
```

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

```
.background{ background-color: rgb(107,  
149, 198) }
```

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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