

Converting Colors

XYZ(27.8688, 28.5250, 74.8439)

Have a look what the booklet for
XYZ(27.8688, 28.5250, 74.8439)
contains.

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Color

**XYZ(27.7908, 28.4929,
74.5560)**

Conversions

Conversions Part 1

Format	Color
Hex	5594E0
RGB	85, 148, 224
RGB Percent	33%, 58%, 88%
CMY	0.6666, 0.4196, 0.1216
CMYK	0.62, 0.34, 0.00, 0.12
HSL	213°, 69%, 61%
HSV	213°, 62%, 88%
XYZ	27.7908, 28.4929, 74.5560
YIQ	137.8270, -61.9440, 10.2800

Conversions

Conversions Part 2

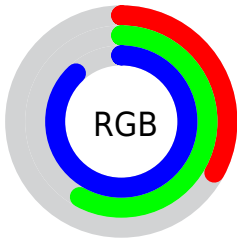
Format	Color
R _Y B	85, 128, 224
Decimal	5608672
CIE Lab	60.33, 2.85, -44.67
CIE LCh	60, 44.765, 273.647
Yxy	28.4929, 0.2124, 0.2178
Android (android.graphics.Color)	4283798752 (0xFF5594E0)
YUV	137.8270, 42.4833, -46.3293
Hunter-Lab	53.3787, -0.4796, -45.4473

Details

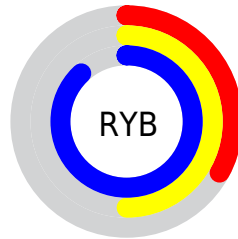
The XYZ color **27.7908, 28.4929, 74.5560** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **45.1269, 41.9958, 14.3236**, and the grayscale version is **23.9531, 25.2005, 27.4433**.

A 20% lighter version of the original color is **50.8476, 55.4808, 102.6367**, and **11.4356, 11.5625, 38.6749** is the 20% darker color. If you saturate the color by 10%, you get **24.2491, 23.9648, 73.8692**, and if you desaturate by 10%, it is **32.1814, 33.7613, 75.3421**.

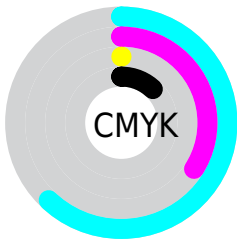
Distribution



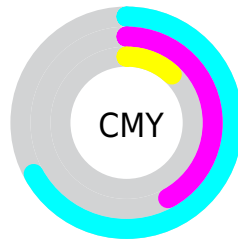
- Red (33%)
- Green (58%)
- Blue (88%)



- Red (33%)
- Yellow (50%)
- Blue (88%)



- Cyan (62%)
- Magenta (34%)
- Yellow (0%)
- Black (12%)



- Cyan (67%)
- Magenta (42%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7908, 28.4929, 74.5560 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 27.7908, 28.4929, 74.5560 by changing the saturation by 10% instead.

■ 27.7908, 28.4929,
74.5560

■ 27.7908, 28.4929,
74.5560

283.5642,
294.8147, 495.6047

■ 18.3077, 18.6975,
54.7497

■ 55.5613, 57.2704,
127.4250

■ 11.2721, 11.4519,
38.8041

■ 74.5793, 77.0214,
161.3247

■ 6.3188, 6.3717,
26.3007

■ 97.5063, 100.8597,
200.7593

■ 3.0824, 3.0724,
16.8210

■ 124.7077,
129.1697, 246.1474

■ 1.1975, 1.1696,
9.9463

156.5489,
162.3358, 297.9074

■ 0.1044, 0.0367,
5.2582

193.3951,

■ 0.0000, 0.0000,

200.7424, 356.4580

2.3382

235.6117,
244.7739, 422.2176

■ 0.0000, 0.0000,
0.7525

■ 0.0000, 0.0000,
0.0000

■ 27.7908, 28.4929,
74.5560

■ 27.7908, 28.4929,
74.5560

■ 24.2491, 23.9648,
73.8692

■ 32.1814, 33.7613,
75.3421

■ 21.4837, 20.1288,
73.2746

■ 37.4786, 39.8074,
76.2299

■ 19.4131, 16.9338,
72.7670

■ 43.7384, 46.6690,
77.2244

■ 18.1590, 14.7906,
72.4194

■ 51.0110, 54.3803,
78.3295

■ 59.3427, 62.9730,
79.5490

■ 68.7772, 72.4774,
80.8862

■ 79.3553, 82.9218,
82.3447

■ 87.6462, 92.5449,
83.7651

■ 90.4547, 98.1619,
84.7013

Harmonies

Analogous

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



22.4651, 28.4929, 68.9165



27.7908, 28.4929, 74.5560



33.6796, 28.4929, 65.5451

Triad

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



27.7908, 28.4929, 74.5560



37.3654, 28.4929, 16.5814



18.3350, 28.4929, 18.9859

Complementary

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



27.7908, 28.4929, 74.5560



45.1269, 41.9958, 14.3236

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.



21.4071, 28.4929, 11.4278



27.7908, 28.4929, 74.5560



32.2909, 28.4929, 10.4240

Square

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



27.7908, 28.4929, 74.5560



39.6790, 28.4929, 29.0537



26.3847, 28.4929, 8.9413



17.4801, 28.4929, 33.0813

Rectangle

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



27.7908, 28.4929, 74.5560



36.9955, 28.4929, 53.8276



26.3847, 28.4929, 8.9413



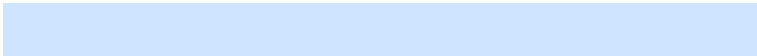
19.1189, 28.4929, 15.7876

Sweetspot

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



27.7919, 28.4939, 74.5567



71.5400, 76.1875, 105.5428



36.6729, 57.7514, 42.0778



14.6547, 15.6225, 22.4930



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.



27.7919, 28.4939, 74.5567



31.5163, 30.7873, 98.8892



20.8854, 14.0359, 72.1300



13.4611, 14.2613, 17.4309



10.6814, 8.8324, 42.1902



0.8289, 0.7894, 2.9539

Inverse Universe

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



39.3353, 24.4839, 30.6703



48.8587, 27.4527, 32.3530



57.6201, 69.0850, 18.8939



13.9642, 13.8033, 15.5817



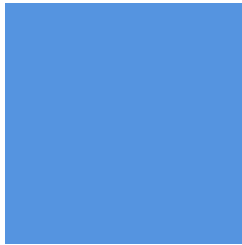
19.3317, 9.7997, 8.4124



1.3847, 0.6971, 0.8185

Previews

White Background



This preview shows how the XYZ color 27.7908, 28.4929, 74.5560 looks on a white background.

Color Contrast Check

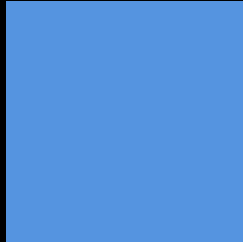
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7908, 28.4929, 74.5560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

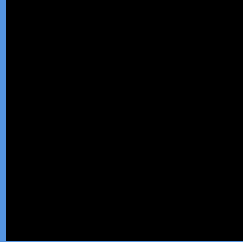
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7908, 28.4929, 74.5560

Background



This preview shows how black text looks on a background with the XYZ color 27.7908, 28.4929, 74.5560.

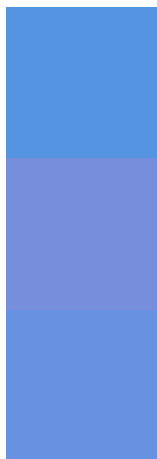


This preview shows how white text looks on a background with the XYZ color 27.7908, 28.4929,

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

27.7908, 28.4929, 74.5560

Protanopia

29.9304, 28.3120, 70.9051

Deuteranopia

29.3095, 28.5706, 75.2041



Tritanopia

21.5525, 28.6664, 42.9253

Trichromacy



Original Color

27.7908, 28.4929, 74.5560

Protanomaly

28.9683, 28.2311, 72.3290

Deuteranomaly

28.6934, 28.4808, 75.2192

Tritanomaly

23.3995, 28.3893, 52.9616

Monochromacy



Original Color

27.7908, 28.4929, 74.5560

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.4422, 26.1325, 41.2920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7908, 28.4929, 74.5560 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(85, 148, 224)` looks like.

```
.text, #text, p{  
    color:rgb(85, 148, 224)  
}
```

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(85, 148, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 148, 224) }
```

Border

The CSS property to change the border of an element to XYZ 27.7908, 28.4929, 74.5560 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(85, 148, 224) }
```


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

```
.border{ border-color:rgb(85, 148, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 148, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 148, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 148, 224);  
box-shadow:4px 4px 4px 4px rgb(85, 148,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7908, 28.4929, 74.5560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 148, 224) }
```

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

```
.background{ background-color: rgb(85, 148,  
224) }
```

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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