

Converting Colors

XYZ(26.0595, 27.1393, 68.6430)

Have a look what the booklet for
XYZ(26.0595, 27.1393, 68.6430)
contains.

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Color

**XYZ(25.9997, 27.0025,
68.8074)**

Conversions

Conversions Part 1

Format	Color
Hex	5291D8
RGB	82, 145, 216
RGB Percent	32%, 57%, 85%
CMY	0.6784, 0.4314, 0.1529
CMYK	0.62, 0.33, 0.00, 0.15
HSL	212°, 63%, 58%
HSV	212°, 62%, 85%
XYZ	25.9997, 27.0025, 68.8074
YIQ	134.2570, -60.3390, 8.7250

Conversions

Conversions Part 2

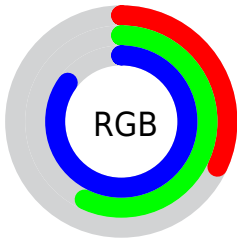
Format	Color
R _Y B	82, 125, 216
Decimal	5411288
CIE Lab	58.98, 1.40, -42.36
CIE LCh	59, 42.381, 271.891
Yxy	27.0025, 0.2134, 0.2217
Android (android.graphics.Color)	4283601368 (0xFF5291D8)
YUV	134.2570, 40.2993, -45.8294
Hunter-Lab	51.9639, -1.6260, -42.1334

Details

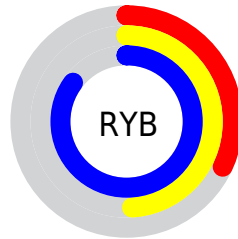
The XYZ color **25.9997, 27.0025, 68.8074** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **41.2345, 37.9926, 13.1440**, and the grayscale version is **22.6278, 23.8062, 25.9250**.

A 20% lighter version of the original color is **49.6288, 53.8176, 102.3799**, and **10.5252, 10.7576, 35.2399** is the 20% darker color. If you saturate the color by 10%, you get **22.7469, 22.8592, 68.1797**, and if you desaturate by 10%, it is **30.0218, 31.8047, 69.5229**.

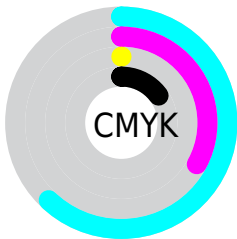
Distribution



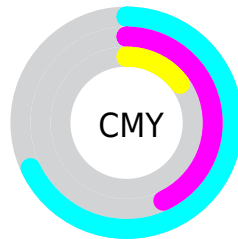
- Red (32%)
- Green (57%)
- Blue (85%)



- Red (32%)
- Yellow (49%)
- Blue (85%)



- Cyan (62%)
- Magenta (33%)
- Yellow (0%)
- Black (15%)



- Cyan (68%)
- Magenta (43%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9997, 27.0025, 68.8074 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 25.9997, 27.0025, 68.8074 by changing the saturation by 10% instead.

■ 25.9997, 27.0025,
68.8074

■ 25.9997, 27.0025,
68.8074

275.0373,
287.6692, 475.0269

■ 16.9561, 17.5751,
50.0841

■ 52.7058, 54.8879,
119.1716

■ 10.2983, 10.6454,
35.1086

■ 71.0989, 74.1146,
151.6495

■ 5.6610, 5.8289,
23.4623

■ 93.3393, 97.3767,
189.5494

■ 2.6787, 2.7413,
14.7267

■ 119.7923,
125.0583, 233.2897

■ 0.9862, 0.9982,
8.4833

150.8233,
157.5440, 283.2891

■ 0.0000, 0.0000,
4.3136

186.7975,

■ 0.0000, 0.0000,

195.2181, 339.9661

1.7989

228.0804,
238.4651, 403.7392

■ 0.0000, 0.0000,
0.4272

■ 0.0000, 0.0000,
0.0000

■ 25.9997, 27.0025,
68.8074

■ 25.9997, 27.0025,
68.8074

■ 22.7469, 22.8592,
68.1797

■ 30.0218, 31.8047,
69.5229

■ 20.1974, 19.3320,
67.6332

■ 34.8652, 37.2989,
70.3281

■ 18.2778, 16.3752,
67.1637

■ 40.5806, 43.5187,
71.2274

■ 17.1020, 14.3723,
66.8390

■ 47.2134, 50.4943,
72.2242

■ 54.8057, 58.2539,
73.3218

■ 63.3968, 66.8243,
74.5233

■ 73.0238, 76.2306,
75.8315

■ 83.7217, 86.4970,
77.2493

■ 87.2047, 93.3577,
78.3899

Harmonies

Analogous

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



21.1957, 27.0025, 62.9949



25.9997, 27.0025, 68.8074



31.3775, 27.0025, 61.4222

Triad

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



25.9997, 27.0025, 68.8074



35.2281, 27.0025, 16.6172



17.7493, 27.0025, 17.7728

Complementary

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



25.9997, 27.0025, 68.8074



41.2345, 37.9926, 13.1440

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.



20.6917, 27.0025, 11.0490



25.9997, 27.0025, 68.8074



30.7223, 27.0025, 10.5595

Square

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



25.9997, 27.0025, 68.8074



37.1372, 27.0025, 28.4572



25.3333, 27.0025, 8.9353



16.8383, 27.0025, 30.3657

Rectangle

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



25.9997, 27.0025, 68.8074



34.4579, 27.0025, 51.1023



25.3333, 27.0025, 8.9353



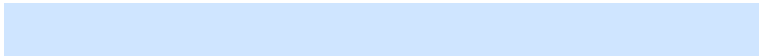
18.5119, 27.0025, 14.9219

Sweetspot

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



26.0007, 27.0034, 68.8081



71.7667, 76.6410, 105.6184



33.6415, 53.1483, 37.8647



14.7093, 15.7317, 22.5112



0.0000, 0.0000, 0.0000



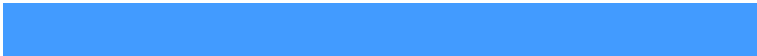
20.3446, 21.4041, 23.3091

Same Dimension

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



26.0007, 27.0034, 68.8081



32.0408, 31.8362, 99.0640



19.0902, 12.8894, 66.4480



12.2192, 12.9618, 15.7954



10.2287, 8.7192, 39.5970



0.6994, 0.6908, 2.4158

Inverse Universe

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



36.4479, 22.6790, 29.2453



49.1234, 27.5586, 33.7469



53.7431, 63.9826, 17.5013



12.6638, 12.5170, 14.1700



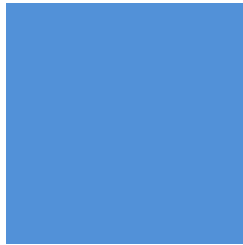
18.2218, 9.2251, 8.4723



1.1407, 0.5731, 0.7302

Previews

White Background



This preview shows how the XYZ color 25.9997, 27.0025, 68.8074 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 25.9997, 27.0025, 68.8074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

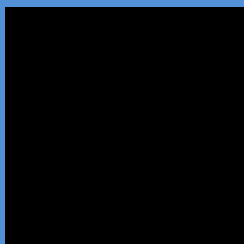
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

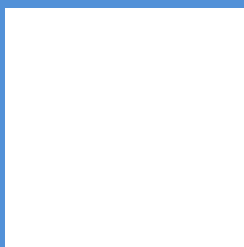
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9997, 27.0025, 68.8074

Background



This preview shows how black text looks on a background with the XYZ color 25.9997, 27.0025, 68.8074.



This preview shows how white text looks on a background with the XYZ color 25.9997, 27.0025,

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

25.9997, 27.0025, 68.8074

Protanopia

28.3266, 26.9503, 65.3370

Deuteranopia

27.6428, 26.9431, 69.3892



Tritanopia

20.4413, 27.1323, 40.7189

Trichromacy



Original Color

25.9997, 27.0025, 68.8074

Protanomaly

27.2440, 26.7969, 66.6872

Deuteranomaly

26.9167, 26.7887, 69.3977

Tritanomaly

22.1383, 26.8293, 49.9107

Monochromacy



Original Color

25.9997, 27.0025, 68.8074

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.8596, 24.5021, 38.6465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9997, 27.0025, 68.8074 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(82, 145, 216)` looks like.

```
.text, #text, p{  
    color:rgb(82, 145, 216)  
}
```

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(82, 145, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 145, 216) }
```

Border

The CSS property to change the border of an element to XYZ 25.9997, 27.0025, 68.8074 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(82, 145, 216) }
```


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

```
.border{ border-color:rgb(82, 145, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 145, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 145, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 145, 216);  
box-shadow:4px 4px 4px 4px rgb(82, 145,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9997, 27.0025, 68.8074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 145, 216) }
```

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

```
.background{ background-color: rgb(82, 145,  
216) }
```

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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