

Converting Colors

XYZ(25.0104, 27.2959, 62.6939)

Have a look what the booklet for
XYZ(25.0104, 27.2959, 62.6939)
contains.

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Color

**XYZ(25.0768, 27.3471,
62.9883)**

Conversions

Conversions Part 1

Format	Color
Hex	4F94CF
RGB	79, 148, 207
RGB Percent	31%, 58%, 81%
CMY	0.6902, 0.4196, 0.1882
CMYK	0.62, 0.29, 0.00, 0.19
HSL	208°, 57%, 56%
HSV	208°, 62%, 81%
XYZ	25.0768, 27.3471, 62.9883
YIQ	134.0950, -60.0630, 3.7210

Conversions

Conversions Part 2

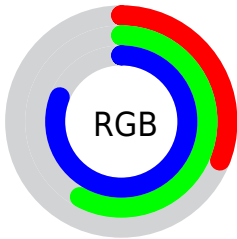
Format	Color
R _Y B	79, 124, 207
Decimal	5215439
CIE Lab	59.29, -3.86, -36.83
CIE LCh	59, 37.030, 264.021
Yxy	27.3471, 0.2173, 0.2370
Android (android.graphics.Color)	4283405519 (0xFF4F94CF)
YUV	134.0950, 35.9422, -48.3183
Hunter-Lab	52.2945, -5.9191, -34.8083

Details

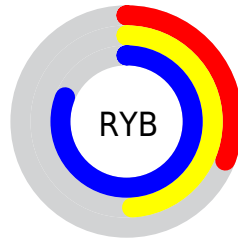
The XYZ color **25.0768, 27.3471, 62.9883** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **36.2330, 32.0084, 11.6668**, and the grayscale version is **22.5838, 23.7599, 25.8745**.

A 20% lighter version of the original color is **49.6518, 54.8643, 102.5807**, and **10.0352, 11.0024, 31.3005** is the 20% darker color. If you saturate the color by 10%, you get **22.1801, 23.7232, 62.4420**, and if you desaturate by 10%, it is **28.6348, 31.4960, 63.6021**.

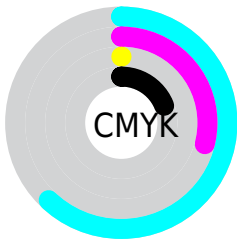
Distribution



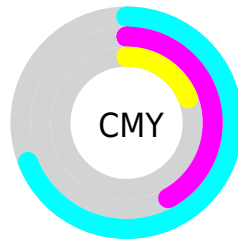
- Red (31%)
- Green (58%)
- Blue (81%)



- Red (31%)
- Yellow (49%)
- Blue (81%)



- Cyan (62%)
- Magenta (29%)
- Yellow (0%)
- Black (19%)



- Cyan (69%)
- Magenta (42%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0768, 27.3471, 62.9883 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 25.0768, 27.3471, 62.9883 by changing the saturation by 10% instead.

■ 25.0768, 27.3471,
62.9883

■ 25.0768, 27.3471,
62.9883

270.5608,
289.3338, 453.6338

■ 16.2633, 17.8341,
45.3908

■ 51.2238, 55.4404,
110.7380

■ 9.8027, 10.8309,
31.4202

■ 69.2880, 74.7894,
141.7274

■ 5.3296, 5.9533,
20.6579

■ 91.1665, 98.1858,
178.0177

■ 2.4787, 2.8167,
12.6853

■ 117.2246,
126.0142, 220.0277

■ 0.8845, 1.0368,
7.0841

147.8278,
158.6587, 268.1757

■ 0.0000, 0.0000,
3.4355

183.3413,

■ 0.0000, 0.0000,

196.5039, 322.8804

1.3211

224.1305,
239.9342, 384.5602

■ 0.0000, 0.0000,
0.0790

■ 0.0000, 0.0000,
0.0000

■ 25.0768, 27.3471,
62.9883

■ 25.0768, 27.3471,
62.9883

■ 22.1801, 23.7232,
62.4420

■ 28.6348, 31.4960,
63.6021

■ 19.8870, 20.5888,
61.9579

■ 32.8991, 36.1959,
64.2846

■ 18.1339, 17.9070,
61.5327

■ 37.9137, 41.4742,
65.0391

■ 17.0110, 16.0019,
61.2241

■ 43.7180, 47.3551,
65.8683

■ 50.3484, 53.8611,
66.7746

■ 57.8391, 61.0138,
67.7604

■ 66.2220, 68.8332,
68.8279

■ 75.5275, 77.3384,
69.9791

■ 81.8903, 84.5405,
71.0339

Harmonies

Analogous

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



21.1081, 27.3471, 55.5225



25.0768, 27.3471, 62.9883



29.7852, 27.3471, 59.6413

Triad

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



25.0768, 27.3471, 62.9883



34.9957, 27.3471, 20.5615



19.4370, 27.3471, 17.1750

Complementary

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



25.0768, 27.3471, 62.9883



36.2330, 32.0084, 11.6668

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.



22.5364, 27.3471, 12.0394



25.0768, 27.3471, 62.9883



31.5778, 27.3471, 13.5498

Square

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



25.0768, 27.3471, 62.9883



35.8836, 27.3471, 32.5102



26.9304, 27.3471, 10.9436



18.1099, 27.3471, 27.2002

Rectangle

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



25.0768, 27.3471, 62.9883



32.6787, 27.3471, 52.1148



26.9304, 27.3471, 10.9436



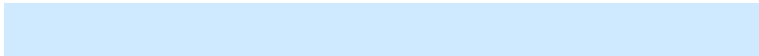
20.2870, 27.3471, 14.9547

Sweetspot

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



25.0778, 27.3481, 62.9890



72.7014, 78.5102, 105.9300



30.0249, 48.0834, 31.2167



14.9347, 16.1825, 22.5863



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.



25.0778, 27.3481, 62.9890



34.3233, 36.4012, 99.8248



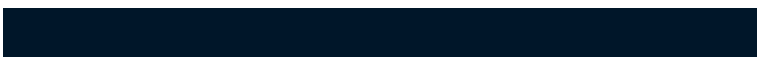
17.7681, 12.7286, 60.5524



11.6840, 12.4582, 15.0325



10.8133, 10.2732, 38.6055



0.6835, 0.7323, 2.1849

Inverse Universe

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



33.8742, 20.9965, 30.2853



50.2755, 28.0195, 39.8139



47.9376, 55.4177, 15.5684



12.0714, 11.9133, 13.6517



18.0888, 9.1084, 10.6397



1.0512, 0.5252, 0.8047

Previews

White Background



This preview shows how the XYZ color 25.0768, 27.3471, 62.9883 looks on a white background.

Color Contrast Check

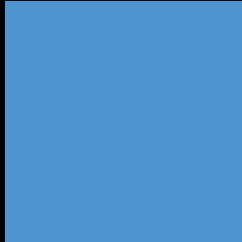
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0768, 27.3471, 62.9883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

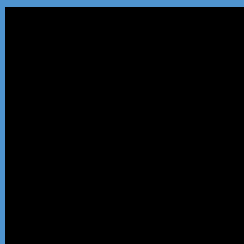
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

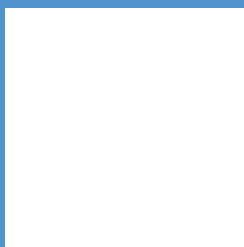
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0768, 27.3471, 62.9883

Background



This preview shows how black text looks on a background with the XYZ color 25.0768, 27.3471, 62.9883.

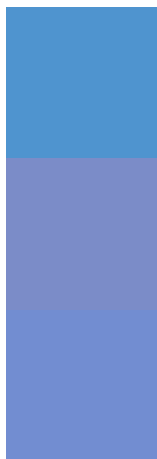


This preview shows how white text looks on a background with the XYZ color 25.0768, 27.3471,

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

25.0768, 27.3471, 62.9883

Protanopia

27.9718, 27.1373, 58.4073

Deuteranopia

27.9729, 27.2306, 64.1033



Tritanopia

20.6527, 27.2305, 41.2133

Trichromacy



Original Color

25.0768, 27.3471, 62.9883

Protanomaly

26.6654, 27.0825, 60.3219

Deuteranomaly

26.7253, 27.2673, 63.5290

Tritanomaly

21.9865, 27.0272, 48.3139

Monochromacy



Original Color

25.0768, 27.3471, 62.9883

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.6051, 24.6159, 37.2781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0768, 27.3471, 62.9883 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(79, 148, 207)` looks like.

```
.text, #text, p{  
    color:rgb(79, 148, 207)  
}
```

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(79, 148, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 148, 207) }
```

Border

The CSS property to change the border of an element to XYZ 25.0768, 27.3471, 62.9883 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(79, 148, 207) }
```


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

```
.border{ border-color:rgb(79, 148, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 148, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 148, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 148, 207);  
box-shadow:4px 4px 4px 4px rgb(79, 148,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0768, 27.3471, 62.9883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 148, 207) }
```

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

```
.background{ background-color: rgb(79, 148,  
207) }
```

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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