

Converting Colors

XYZ(25.9119, 27.4782, 63.1434)

Have a look what the booklet for
XYZ(25.9119, 27.4782, 63.1434)
contains.

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Color

**XYZ(25.9127, 27.5461,
62.9827)**

Conversions

Conversions Part 1

Format	Color
Hex	5A93CF
RGB	90, 147, 207
RGB Percent	35%, 58%, 81%
CMY	0.6470, 0.4235, 0.1882
CMYK	0.57, 0.29, 0.00, 0.19
HSL	211°, 55%, 58%
HSV	211°, 57%, 81%
XYZ	25.9127, 27.5461, 62.9827
YIQ	136.7970, -53.2320, 6.5760

Conversions

Conversions Part 2

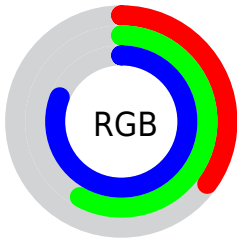
Format	Color
R _{YB}	90, 128, 207
Decimal	5936079
CIE Lab	59.48, -1.12, -36.51
CIE LCh	59, 36.527, 268.246
Yxy	27.5461, 0.2225, 0.2366
Android (android.graphics.Color)	4284126159 (0xFF5A93CF)
YUV	136.7970, 34.6101, -41.0410
Hunter-Lab	52.4844, -3.7183, -34.4106

Details

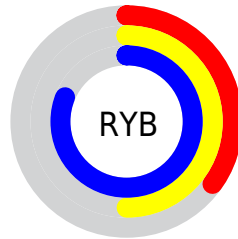
The XYZ color **25.9127, 27.5461, 62.9827** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **38.4853, 35.8182, 14.5595**, and the grayscale version is **23.5902, 24.8188, 27.0276**.

A 20% lighter version of the original color is **51.1494, 55.2892, 102.5838**, and **10.2515, 10.9758, 31.2840** is the 20% darker color. If you saturate the color by 10%, you get **22.5973, 23.4988, 62.3768**, and if you desaturate by 10%, it is **29.9430, 32.1890, 63.6670**.

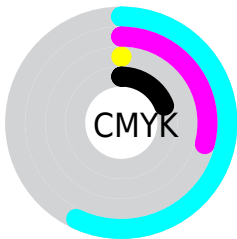
Distribution



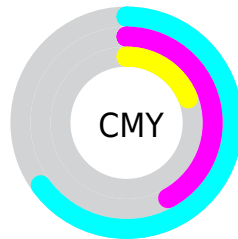
- Red (35%)
- Green (58%)
- Blue (81%)



- Red (35%)
- Yellow (50%)
- Blue (81%)



- Cyan (57%)
- Magenta (29%)
- Yellow (0%)
- Black (19%)



- Cyan (65%)
- Magenta (42%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9127, 27.5461, 62.9827 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 25.9127, 27.5461, 62.9827 by changing the saturation by 10% instead.

■ 25.9127, 27.5461,
62.9827

■ 25.9127, 27.5461,
62.9827

274.6178,
290.2916, 453.6129

■ 16.8907, 17.9838,
45.3863

■ 52.5664, 55.7589,
110.7299

■ 10.2514, 10.9383,
31.4167

■ 70.9288, 75.1783,
141.7178

■ 5.6295, 6.0254,
20.6552

■ 93.1353, 98.6520,
178.0065

■ 2.6596, 2.8605,
12.6834

■ 119.5513,
126.5647, 220.0148

■ 0.9764, 1.0594,
7.0828

150.5423,
159.3006, 268.1610

■ 0.0000, 0.0000,
3.4347

186.4734,

■ 0.0000, 0.0000,

197.2441, 322.8637

1.3206

227.7102,
240.7796, 384.5415

■ 0.0000, 0.0000,
0.0786

■ 0.0000, 0.0000,
0.0000

■ 25.9127, 27.5461,
62.9827

■ 25.9127, 27.5461,
62.9827

■ 22.5973, 23.4988,
62.3768

■ 29.9430, 32.1890,
63.6670

■ 19.9419, 20.0114,
61.8436

■ 34.7315, 37.4544,
64.4309

■ 17.8873, 17.0474,
61.3798

■ 40.3213, 43.3705,
65.2782

■ 16.3576, 14.5611,
60.9805

■ 46.7512, 49.9628,
66.2118

■ 15.9011, 13.7821,
60.8542

■ 54.0573, 57.2551,
67.2343

■ 62.2735, 65.2701,
68.3483

■ 71.4317, 74.0292,
69.5563

■ 81.3389, 83.4376,
70.8501

■ 84.4167, 89.5933,
71.8761

Harmonies

Analogous

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



21.8094, 27.5461, 57.0025



25.9127, 27.5461, 62.9827



30.5810, 27.5461, 58.1971

Triad

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



25.9127, 27.5461, 62.9827



34.7442, 27.5461, 19.5578



19.3761, 27.5461, 18.5679

Complementary

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



25.9127, 27.5461, 62.9827



38.4853, 35.8182, 14.5595

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.



22.2260, 27.5461, 12.7920



25.9127, 27.5461, 62.9827



31.1025, 27.5461, 13.2351

Square

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



25.9127, 27.5461, 62.9827



36.0227, 27.5461, 30.7729



26.4526, 27.5461, 11.1687



18.3193, 27.5461, 29.2265

Rectangle

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



25.9127, 27.5461, 62.9827



33.3271, 27.5461, 50.1520



26.4526, 27.5461, 11.1687



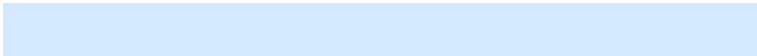
20.1385, 27.5461, 16.1218

Sweetspot

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



25.9137, 27.5471, 62.9834



74.1740, 79.3120, 106.0071



31.9154, 48.9542, 35.9934



15.4080, 16.5004, 22.6227



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.



25.9137, 27.5471, 62.9834



35.1448, 36.2955, 99.7611



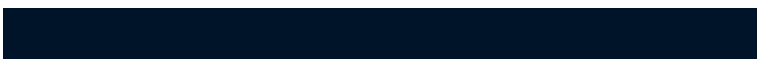
19.1364, 13.9924, 60.7243



11.6323, 12.3548, 15.0153



10.1124, 8.8714, 38.3719



0.6447, 0.6547, 2.1719

Inverse Universe

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



34.6557, 22.6856, 30.1568



51.1170, 29.9903, 39.2068



49.8911, 58.6299, 18.3614



12.0453, 11.9029, 13.5143



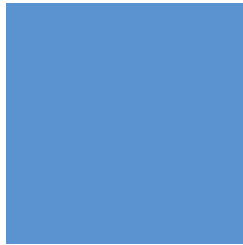
17.7350, 8.9668, 8.7767



1.0317, 0.5174, 0.7016

Previews

White Background



This preview shows how the XYZ color 25.9127, 27.5461, 62.9827 looks on a white background.

Color Contrast Check

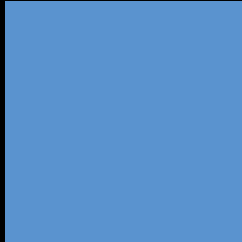
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9127, 27.5461, 62.9827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

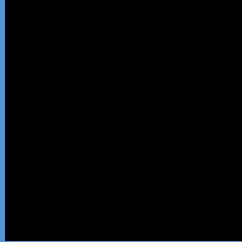
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9127, 27.5461, 62.9827

Background



This preview shows how black text looks on a background with the XYZ color 25.9127, 27.5461, 62.9827.

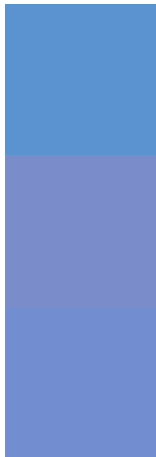


This preview shows how white text looks on a background with the XYZ color 25.9127, 27.5461,

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

25.9127, 27.5461, 62.9827

Protanopia

28.2071, 27.2314, 59.6466

Deuteranopia

28.1284, 27.5449, 63.5087



Tritanopia

21.5204, 27.6886, 40.7694

Trichromacy



Original Color

25.9127, 27.5461, 62.9827

Protanomaly

27.2771, 27.3841, 60.9747

Deuteranomaly

27.3023, 27.5648, 63.5561

Tritanomaly

22.9800, 27.5393, 48.3604

Monochromacy



Original Color

25.9127, 27.5461, 62.9827

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.7922, 25.6515, 37.8797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9127, 27.5461, 62.9827 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(90, 147, 207)` looks like.

```
.text, #text, p{  
    color:rgb(90, 147, 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(90, 147, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 147, 207) }
```

Border

The CSS property to change the border of an element to XYZ 25.9127, 27.5461, 62.9827 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(90, 147, 207) }
```


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

```
.border{ border-color:rgb(90, 147, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 147, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 147, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 147, 207);  
box-shadow:4px 4px 4px 4px rgb(90, 147,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9127, 27.5461, 62.9827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 147, 207) }
```

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

```
.background{ background-color: rgb(90, 147,  
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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