

Converting Colors

XYZ(25.1456, 27.6058, 63.0367)

Have a look what the booklet for
XYZ(25.1456, 27.6058, 63.0367)
contains.

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Color

**XYZ(25.1518, 27.6196,
63.0370)**

Conversions

Conversions Part 1

Format	Color
Hex	4E95CF
RGB	78, 149, 207
RGB Percent	31%, 58%, 81%
CMY	0.6941, 0.4157, 0.1882
CMYK	0.62, 0.28, 0.00, 0.19
HSL	207°, 57%, 56%
HSV	207°, 62%, 81%
XYZ	25.1518, 27.6196, 63.0370
YIQ	134.3830, -60.9340, 2.9860

Conversions

Conversions Part 2

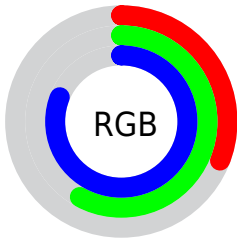
Format	Color
RYP	78, 124, 207
Decimal	5150159
CIELab	59.54, -4.61, -36.44
CIElCh	60, 36.733, 262.787
Yxy	27.6196, 0.2172, 0.2385
Android (android.graphics.Color)	4283340239 (0xFF4E95CF)
YUV	134.3830, 35.8002, -49.4479
Hunter-Lab	52.5544, -6.5424, -34.3281

Details

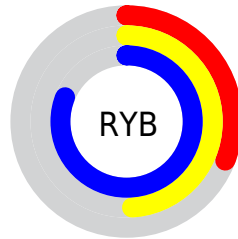
The XYZ color **25.1518, 27.6196, 63.0370** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **35.9127, 31.4255, 11.3819**, and the grayscale version is **22.6903, 23.8720, 25.9966**.

A 20% lighter version of the original color is **49.8872, 55.3351, 102.6592**, and **10.1293, 11.1907, 31.3319** is the 20% darker color. If you saturate the color by 10%, you get **22.3010, 24.0510, 62.4990**, and if you desaturate by 10%, it is **28.6559, 31.7006, 63.6406**.

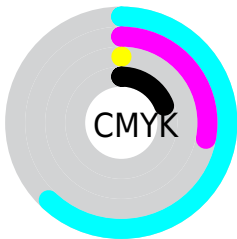
Distribution



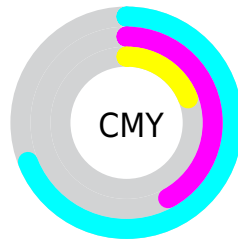
- Red (31%)
- Green (58%)
- Blue (81%)



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



- Cyan (62%)
- Magenta (28%)
- Yellow (0%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1518, 27.6196, 63.0370 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 25.1518, 27.6196, 63.0370 by changing the saturation by 10% instead.

■ 25.1518, 27.6196,
63.0370

■ 25.1518, 27.6196,
63.0370

270.9268,
290.6447, 453.8154

■ 16.3195, 18.0391,
45.4300

■ 51.3445, 55.8765,
110.8090

■ 9.8428, 10.9781,
31.4508

■ 69.4356, 75.3218,
141.8110

■ 5.3563, 6.0521,
20.6810

■ 91.3438, 98.8240,
178.1151

■ 2.4947, 2.8768,
12.7021

■ 117.4342,
126.7677, 220.1398

■ 0.8926, 1.0677,
7.0954

148.0724,
159.5373, 268.3036

■ 0.0000, 0.0000,
3.4425

183.6237,

■ 0.0000, 0.0000,

197.5170, 323.0251

1.3248

224.4533,
241.0914, 384.7229

■ 0.0000, 0.0000,
0.0820

■ 0.0000, 0.0000,
0.0000

■ 25.1518, 27.6196,
63.0370

■ 25.1518, 27.6196,
63.0370

■ 22.3010, 24.0510,
62.4990

■ 28.6559, 31.7006,
63.6406

■ 20.0458, 20.9597,
62.0212

■ 32.8582, 36.3197,
64.3107

■ 18.3218, 18.3087,
61.6003

■ 37.8029, 41.5039,
65.0507

■ 17.2719, 16.5236,
61.3111

■ 43.5293, 47.2773,
65.8633

■ 50.0737, 53.6621,
66.7507

■ 57.4702, 60.6792,
67.7153

■ 65.7507, 68.3487,
68.7593

■ 74.9454, 76.6894,
69.8846

■ 81.5756, 83.9111,
70.9290

Harmonies

Analogous

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



21.2368, 27.6196, 55.2283



25.1518, 27.6196, 63.0370



29.8450, 27.6196, 60.1592

Triad

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



25.1518, 27.6196, 63.0370



35.3239, 27.6196, 21.2557



19.7929, 27.6196, 17.1604

Complementary

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



25.1518, 27.6196, 63.0370



35.9127, 31.4255, 11.3819

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.



22.9588, 27.6196, 12.1857



25.1518, 27.6196, 63.0370



31.9996, 27.6196, 14.0202

Square

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



25.1518, 27.6196, 63.0370



36.0888, 27.6196, 33.3823



27.3830, 27.6196, 11.2344



18.3873, 27.6196, 26.9901

Rectangle

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



25.1518, 27.6196, 63.0370



32.7607, 27.6196, 52.8775



27.3830, 27.6196, 11.2344



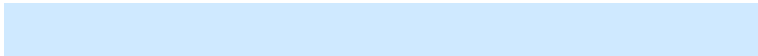
20.6674, 27.6196, 14.9982

Sweetspot

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



25.1528, 27.6206, 63.0377



72.8566, 78.8207, 105.9817



29.7519, 47.9646, 30.2092



14.9722, 16.2576, 22.5989



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.



25.1528, 27.6206, 63.0377



34.3379, 36.6811, 99.8781



17.7814, 12.8778, 60.5806



11.6953, 12.4808, 15.0363



10.9777, 10.6020, 38.6603



0.6924, 0.7501, 2.1879

Inverse Universe

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



33.8822, 20.8852, 30.6801



50.2217, 27.7636, 40.2528



47.3937, 54.3876, 15.2089



12.0771, 11.9156, 13.6818



18.1718, 9.1415, 11.0766



1.0557, 0.5270, 0.8284

Previews

White Background



This preview shows how the XYZ color 25.1518, 27.6196, 63.0370 looks on a white background.

Color Contrast Check

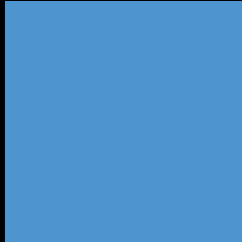
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1518, 27.6196, 63.0370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

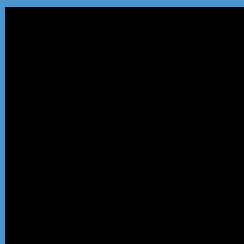
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

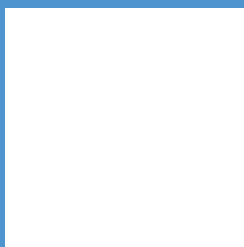
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1518, 27.6196, 63.0370

Background



This preview shows how black text looks on a background with the XYZ color 25.1518, 27.6196, 63.0370.

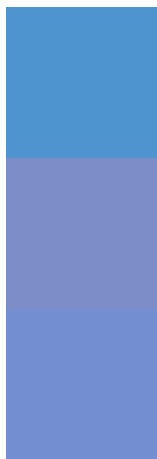


This preview shows how white text looks on a background with the XYZ color 25.1518, 27.6196,

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

25.1518, 27.6196, 63.0370

Protanopia

28.2624, 27.5050, 58.4630

Deuteranopia

28.2519, 27.5943, 64.1588



Tritanopia

20.8535, 27.5713, 41.7588

Trichromacy



Original Color

25.1518, 27.6196, 63.0370

Protanomaly

26.8162, 27.3841, 60.3722

Deuteranomaly

26.9901, 27.6296, 63.5850

Tritanomaly

22.1852, 27.3596, 48.9114

Monochromacy



Original Color

25.1518, 27.6196, 63.0370

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 25.1518, 27.6196, 63.0370 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(78, 149, 207)` looks like.

```
.text, #text, p{  
    color:rgb(78, 149, 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(78, 149, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 149, 207) }
```

Border

The CSS property to change the border of an element to XYZ 25.1518, 27.6196, 63.0370 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(78, 149, 207) }
```


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

```
.border{ border-color:rgb(78, 149, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 149, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 149, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 149, 207);  
box-shadow:4px 4px 4px 4px rgb(78, 149,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1518, 27.6196, 63.0370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 149, 207) }
```

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

```
.background{ background-color: rgb(78, 149,  
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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