

Converting Colors

XYZ(25.1277, 25.9979, 63.8057)

Have a look what the booklet for
XYZ(25.1277, 25.9979, 63.8057)
contains.

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Color

**XYZ(25.2061, 26.0242,
64.0163)**

Conversions

Conversions Part 1

Format	Color
Hex	588ED1
RGB	88, 142, 209
RGB Percent	35%, 56%, 82%
CMY	0.6549, 0.4431, 0.1804
CMYK	0.58, 0.32, 0.00, 0.18
HSL	213°, 57%, 58%
HSV	213°, 58%, 82%
XYZ	25.2061, 26.0242, 64.0163
YIQ	133.4920, -53.6910, 9.3890

Conversions

Conversions Part 2

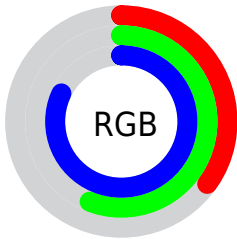
Format	Color
R_{YB}	88, 125, 209
Decimal	5803729
CIE _{Lab}	58.06, 2.01, -39.86
CIE _{LCh}	58, 39.909, 272.891
Yxy	26.0242, 0.2187, 0.2258
Android (android.graphics.Color)	4283993809 (0xFF588ED1)
YUV	133.4920, 37.2254, -39.8965
Hunter-Lab	51.0139, -1.0771, -38.6920

Details

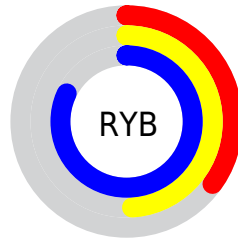
The XYZ color **25.2061, 26.0242, 64.0163** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **39.7784, 37.7041, 14.4148**, and the grayscale version is **22.3570, 23.5213, 25.6147**.

A 20% lighter version of the original color is **49.4192, 52.3612, 102.1098**, and **9.8410, 10.0807, 31.9990** is the 20% darker color. If you saturate the color by 10%, you get **21.8705, 21.8802, 63.3928**, and if you desaturate by 10%, it is **29.2894, 30.8199, 64.7273**.

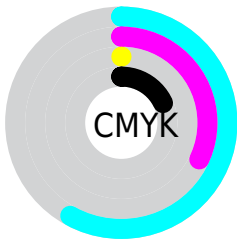
Distribution



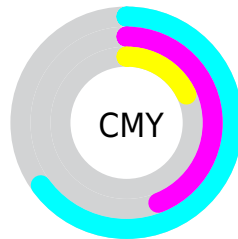
- Red (35%)
- Green (56%)
- Blue (82%)



- Red (35%)
- Yellow (49%)
- Blue (82%)



- Cyan (58%)
- Magenta (32%)
- Yellow (0%)
- Black (18%)



- Cyan (65%)
- Magenta (44%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2061, 26.0242, 64.0163 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 25.2061, 26.0242, 64.0163 by changing the saturation by 10% instead.

■ 25.2061, 26.0242,
64.0163

■ 25.2061, 26.0242,
64.0163

271.1915,
282.9009, 457.4576

■ 16.3602, 16.8417,
46.2176

■ 51.4319, 53.3140,
112.2341

■ 9.8719, 10.1217,
32.0677

■ 69.5425, 72.1901,
143.4903

■ 5.3757, 5.4797,
21.1479

■ 91.4720, 95.0662,
180.0694

■ 2.5063, 2.5314,
13.0399

■ 117.5859,
122.3268, 222.3900

■ 0.8985, 0.8923,
7.3250

148.2494,
154.3561, 270.8705

■ 0.0000, 0.0000,
3.5846

183.8280,

■ 0.0000, 0.0000,

191.5386, 325.9296

1.4004

224.6869,
234.2588, 387.9858

■ 0.0000, 0.0000,
0.1420

■ 0.0000, 0.0000,
0.0000

■ 25.2061, 26.0242,
64.0163

■ 25.2061, 26.0242,
64.0163

■ 21.8705, 21.8802,
63.3928

■ 29.2894, 30.8199,
64.7273

■ 19.2244, 18.3486,
62.8505

■ 34.1667, 36.2977,
65.5275

■ 17.2045, 15.3886,
62.3857

■ 39.8838, 42.4889,
66.4212

■ 15.7204, 12.9449,
61.9922

■ 46.4817, 49.4218,
67.4117

■ 15.4469, 12.4799,
61.9169

■ 53.9987, 57.1231,
68.5020

■ 62.4709, 65.6179,
69.6951

■ 71.9321, 74.9300,
70.9939

■ 82.3387, 85.0433,
72.3974

■ 85.7529, 91.8718,
73.5355

Harmonies

Analogous

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



20.7440, 26.0242, 59.1764



25.2061, 26.0242, 64.0163



30.1229, 26.0242, 57.0138

Triad

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



25.2061, 26.0242, 64.0163



33.3718, 26.0242, 16.2180



17.3621, 26.0242, 17.8713

Complementary

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



25.2061, 26.0242, 64.0163



39.7784, 37.7041, 14.4148

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.



20.0316, 26.0242, 11.3687



25.2061, 26.0242, 64.0163



29.2081, 26.0242, 10.6552

Square

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



25.2061, 26.0242, 64.0163



35.2057, 26.0242, 27.0169



24.2702, 26.0242, 9.2218



16.5786, 26.0242, 29.6973

Rectangle

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



25.2061, 26.0242, 64.0163



32.8959, 26.0242, 47.5788



24.2702, 26.0242, 9.2218



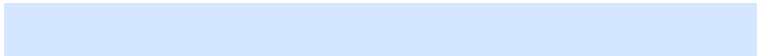
18.0499, 26.0242, 15.1387

Sweetspot

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



25.2071, 26.0251, 64.0169



73.6753, 78.3146, 105.8409



32.7046, 50.0279, 38.7465



15.2905, 16.2654, 22.5836



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.



25.2071, 26.0251, 64.0169



33.4325, 33.1922, 99.2524



19.6206, 13.9664, 61.9838



11.5918, 12.2738, 15.0018



9.6192, 7.8851, 38.2075



0.6164, 0.5981, 2.1625

Inverse Universe

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



34.6675, 22.4888, 28.1056



50.1743, 29.3131, 35.1682



49.1776, 58.9957, 18.0290



12.0248, 11.8947, 13.4066



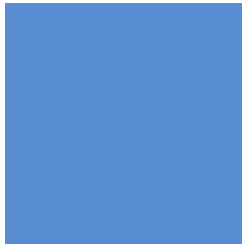
17.4861, 8.8673, 7.4658



1.0174, 0.5117, 0.6264

Previews

White Background



This preview shows how the XYZ color 25.2061, 26.0242, 64.0163 looks on a white background.

Color Contrast Check

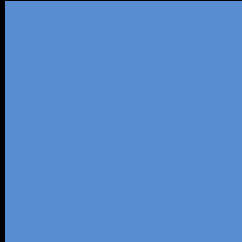
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2061, 26.0242, 64.0163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

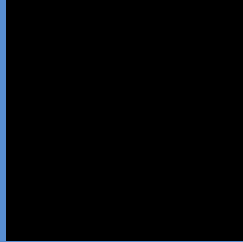
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.2061, 26.0242, 64.0163

Background



This preview shows how black text looks on a background with the XYZ color 25.2061, 26.0242, 64.0163.

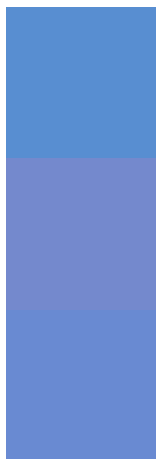


This preview shows how white text looks on a background with the XYZ color 25.2061, 26.0242,

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

25.2061, 26.0242, 64.0163

Protanopia

27.1676, 26.0121, 61.3466

Deuteranopia

26.5470, 25.8334, 64.5599



Tritanopia

20.1317, 26.0428, 38.6160

Trichromacy



Original Color

25.2061, 26.0242, 64.0163

Protanomaly

26.3171, 25.9856, 62.0212

Deuteranomaly

26.0111, 25.7710, 64.5761

Tritanomaly

21.8086, 26.0116, 47.0513

Monochromacy



Original Color

25.2061, 26.0242, 64.0163

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.5733, 23.9634, 37.1539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2061, 26.0242, 64.0163 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(88, 142, 209)` looks like.

```
.text, #text, p{  
    color:rgb(88, 142, 209)  
}
```

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(88, 142, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 142, 209) }
```

Border

The CSS property to change the border of an element to XYZ 25.2061, 26.0242, 64.0163 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(88, 142, 209) }
```


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

```
.border{ border-color:rgb(88, 142, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 142, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 142, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 142, 209);  
box-shadow:4px 4px 4px 4px rgb(88, 142,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2061, 26.0242, 64.0163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 142, 209) }
```

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

```
.background{ background-color: rgb(88, 142,  
209) }
```

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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