

Converting Colors

XYZ(25.9513, 24.8106, 73.2291)

Have a look what the booklet for
XYZ(25.9513, 24.8106, 73.2291)
contains.

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Color

**XYZ(26.0539, 24.9623,
73.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	5788DF
RGB	87, 136, 223
RGB Percent	34%, 53%, 87%
CMY	0.6588, 0.4667, 0.1255
CMYK	0.61, 0.39, 0.00, 0.13
HSL	218°, 68%, 61%
HSV	218°, 61%, 87%
XYZ	26.0539, 24.9623, 73.2570
YIQ	131.2670, -57.1310, 16.6690

Conversions

Conversions Part 2

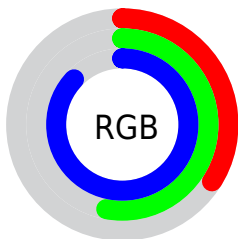
Format	Color
R _Y B	87, 123, 223
Decimal	5736671
CIE Lab	57.04, 9.98, -49.32
CIE LCh	57, 50.321, 281.436
Yxy	24.9623, 0.2097, 0.2009
Android (android.graphics.Color)	4283926751 (0xFF5788DF)
YUV	131.2670, 45.2244, -38.8222
Hunter-Lab	49.9623, 5.6486, -51.9601

Details

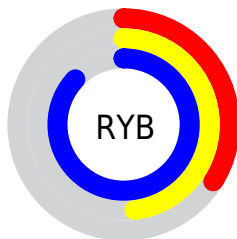
The XYZ color **26.0539, 24.9623, 73.2570** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **47.2894, 46.6506, 15.5303**, and the grayscale version is **21.5278, 22.6490, 24.6647**.

A 20% lighter version of the original color is **48.2802, 49.8182, 101.6790**, and **10.3832, 9.6064, 37.8662** is the 20% darker color. If you saturate the color by 10%, you get **22.4071, 20.2959, 72.5490**, and if you desaturate by 10%, it is **30.6130, 30.4967, 74.0855**.

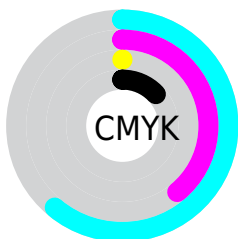
Distribution



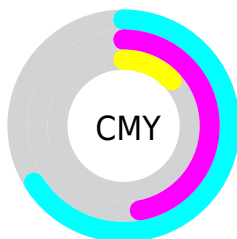
- Red (34%)
- Green (53%)
- Blue (87%)



- Red (34%)
- Yellow (48%)
- Blue (87%)



- Cyan (61%)
- Magenta (39%)
- Yellow (0%)
- Black (13%)



- Cyan (66%)
- Magenta (47%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0539, 24.9623, 73.2570 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 26.0539, 24.9623, 73.2570 by changing the saturation by 10% instead.

■ 26.0539, 24.9623,
73.2570

■ 26.0539, 24.9623,
73.2570

275.2984,
277.6501, 490.9997

■ 16.9969, 16.0490,
53.6930

■ 52.7926, 51.5961,
125.5663

■ 10.3275, 9.5588,
37.9648

■ 71.2049, 70.0853,
159.1487

■ 5.6806, 5.1074,
25.6537

■ 93.4664, 92.5352,
198.2410

■ 2.6907, 2.3104,
16.3413

■ 119.9424,
119.3303, 243.2617

■ 0.9924, 0.7792,
9.6091

150.9982,
150.8550, 294.6294

■ 0.0000, 0.0000,
5.0383

186.9993,

■ 0.0000, 0.0000,

187.4936, 352.7626

2.2106

228.3109,
229.6305, 418.0798

■ 0.0000, 0.0000,
0.6805

■ 0.0000, 0.0000,
0.0000

■ 26.0539, 24.9623,
73.2570

■ 26.0539, 24.9623,
73.2570

■ 22.4071, 20.2959,
72.5490

■ 30.6130, 30.4967,
74.0855

■ 19.5978, 16.4422,
71.9533

■ 36.1449, 36.9440,
75.0384

■ 17.5423, 13.3421,
71.4632

■ 42.7081, 44.3486,
76.1217

■ 16.2131, 11.1152,
71.1034

■ 50.3552, 52.7509,
77.3405

■ 59.1352, 62.1890,
78.6994

■ 69.0940, 72.6986,
80.2031

■ 80.2747, 84.3138,
81.8558

■ 88.7852, 95.0394,
83.4775

■ 90.3194, 98.1077,
83.9889

Harmonies

Analogous

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



20.2851, 24.9623, 71.2451



26.0539, 24.9623, 73.2570



32.0795, 24.9623, 59.6556

Triad

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



26.0539, 24.9623, 73.2570



33.3181, 24.9623, 10.8165



14.4925, 24.9623, 18.0701

Complementary

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



26.0539, 24.9623, 73.2570



47.2894, 46.6506, 15.5303

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.



16.9652, 24.9623, 9.3395



26.0539, 24.9623, 73.2570



27.5354, 24.9623, 6.5152

Square

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



26.0539, 24.9623, 73.2570



36.7153, 24.9623, 21.2178



21.5409, 24.9623, 6.1189



14.2305, 24.9623, 34.1653

Rectangle

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



26.0539, 24.9623, 73.2570



35.1865, 24.9623, 45.9252



21.5409, 24.9623, 6.1189



15.0708, 24.9623, 14.3875

Sweetspot

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



26.0549, 24.9631, 73.2576



71.4704, 74.9852, 105.3144



37.8750, 57.8247, 48.7694



14.5864, 15.2797, 22.4304



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.



26.0549, 24.9631, 73.2576



29.2858, 26.0641, 98.0951



22.5702, 15.1569, 71.5485



13.3542, 14.0475, 17.3953



9.6307, 6.7310, 41.8400



0.7504, 0.6323, 2.9277

Inverse Universe

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



38.2844, 24.2832, 25.9625



47.7968, 27.2730, 26.0059



53.2489, 66.4243, 19.0329



13.9103, 13.7817, 15.2976



18.8013, 9.5875, 5.6196



1.3450, 0.6813, 0.6098

Previews

White Background



This preview shows how the XYZ color 26.0539, 24.9623, 73.2570 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 26.0539, 24.9623, 73.2570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

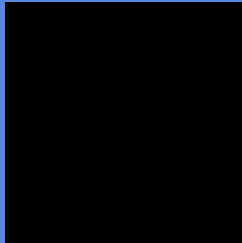
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

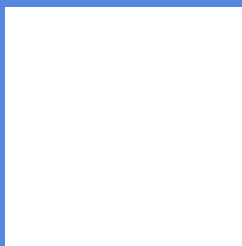
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0539, 24.9623, 73.2570

Background



This preview shows how black text looks on a background with the XYZ color 26.0539, 24.9623, 73.2570.



This preview shows how white text looks on a background with the XYZ color 26.0539, 24.9623,

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

26.0539, 24.9623, 73.2570

Protanopia

26.9182, 24.8203, 71.7787

Deuteranopia

25.7446, 25.0129, 73.2831



Tritanopia

18.9254, 24.9676, 37.5400

Trichromacy



Original Color

26.0539, 24.9623, 73.2570

Protanomaly

26.6397, 24.8655, 72.5027

Deuteranomaly

25.9211, 25.1039, 73.2914

Tritanomaly

21.0792, 24.6724, 48.9987

Monochromacy



Original Color

26.0539, 24.9623, 73.2570

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.1586, 23.1002, 38.4129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0539, 24.9623, 73.2570 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(87, 136, 223)` looks like.

```
.text, #text, p{  
    color:rgb(87, 136, 223)  
}
```

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(87, 136, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 136, 223) }
```

Border

The CSS property to change the border of an element to XYZ 26.0539, 24.9623, 73.2570 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(87, 136, 223) }
```


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

```
.border{ border-color:rgb(87, 136, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 136, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 136, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 136, 223);  
box-shadow:4px 4px 4px 4px rgb(87, 136,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0539, 24.9623, 73.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 136, 223) }
```

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

```
.background{ background-color: rgb(87, 136,  
223) }
```

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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