

Converting Colors

XYZ(25.2539, 23.7907, 70.2789)

Have a look what the booklet for
XYZ(25.2539, 23.7907, 70.2789)
contains.

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Color

**XYZ(25.2539, 23.7907,
70.2789)**

Conversions

Conversions Part 1

Format	Color
Hex	5A84DB
RGB	90, 132, 219
RGB Percent	35%, 52%, 86%
CMY	0.6470, 0.4823, 0.1412
CMYK	0.59, 0.40, 0.00, 0.14
HSL	220°, 64%, 61%
HSV	220°, 59%, 86%
XYZ	25.2539, 23.7907, 70.2789
YIQ	129.3600, -52.9590, 18.1530

Conversions

Conversions Part 2

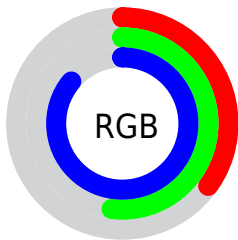
Format	Color
R_{YB}	90, 122, 219
Decimal	5932251
CIE _{Lab}	55.88, 11.62, -48.92
CIE _{LCh}	56, 50.278, 283.366
Yxy	23.7907, 0.2116, 0.1994
Android (android.graphics.Color)	4284122331 (0xFF5A84DB)
YUV	129.3600, 44.1925, -34.5187
Hunter-Lab	48.7757, 7.0619, -51.2855

Details

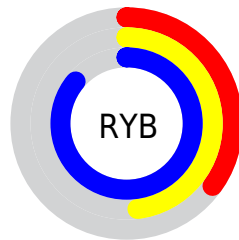
The XYZ color **25.2539, 23.7907, 70.2789** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **46.7826, 47.2449, 16.3277**, and the grayscale version is **20.8565, 21.9427, 23.8956**.

A 20% lighter version of the original color is **47.7934, 48.3075, 101.4130**, and **9.8421, 8.9020, 35.8499** is the 20% darker color. If you saturate the color by 10%, you get **21.5659, 19.1239, 69.5730**, and if you desaturate by 10%, it is **29.8548, 29.3497, 71.1099**.

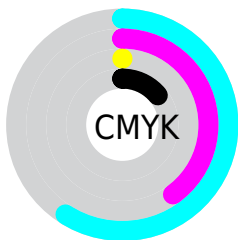
Distribution



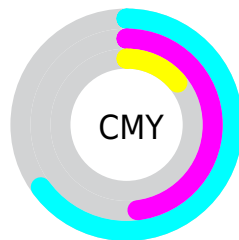
- Red (35%)
- Green (52%)
- Blue (86%)



- Red (35%)
- Yellow (48%)
- Blue (86%)



- Cyan (59%)
- Magenta (40%)
- Yellow (0%)
- Black (14%)



- Cyan (65%)
- Magenta (48%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2539, 23.7907, 70.2789 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 25.2539, 23.7907, 70.2789 by changing the saturation by 10% instead.

■ 25.2539, 23.7907,
70.2789

■ 25.2539, 23.7907,
70.2789

271.4244,
271.7606, 480.3442

■ 16.3961, 15.1784,
51.2757

■ 51.5088, 49.6884,
121.2912

■ 9.8975, 8.9447,
36.0498

■ 69.6365, 67.7427,
154.1375

■ 5.3928, 4.7051,
24.1827

■ 91.5849, 89.7131,
192.4352

■ 2.5166, 2.0753,
15.2557

■ 117.7193,
115.9840, 236.6029

■ 0.9036, 0.6507,
8.8505

148.4051,
146.9398, 287.0591

■ 0.0000, 0.0000,
4.5483

184.0077,

■ 0.0000, 0.0000,

182.9649, 344.2223

1.9307

224.8923,
224.4437, 408.5112

■ 0.0000, 0.0000,
0.5122

■ 0.0000, 0.0000,
0.0000

■ 25.2539, 23.7907,
70.2789

■ 25.2539, 23.7907,
70.2789

■ 21.5659, 19.1239,
69.5730

■ 29.8548, 29.3497,
71.1099

■ 18.7191, 15.2938,
68.9838

■ 35.4268, 35.8467,
72.0703

■ 16.6347, 12.2413,
68.5044

■ 42.0266, 43.3266,
73.1662

■ 15.1937, 9.8847,
68.1255

■ 49.7051, 51.8308,
74.4030

■ 15.0585, 9.6590,
68.0891

■ 58.5101, 61.3980,
75.7855

■ 68.4862, 72.0649,
77.3187

■ 79.6756, 83.8662,
79.0068

■ 88.2629, 94.8477,
80.6739

■ 89.7863, 97.8945,
81.1816

Harmonies

Analogous

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



19.6051, 23.7907, 69.3775



25.2539, 23.7907, 70.2789



31.0452, 23.7907, 56.2493

Triad

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



25.2539, 23.7907, 70.2789



31.5968, 23.7907, 9.7259



13.6194, 23.7907, 17.8864

Complementary

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



25.2539, 23.7907, 70.2789



46.7826, 47.2449, 16.3277

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.



15.8642, 23.7907, 9.0791



25.2539, 23.7907, 70.2789



25.9123, 23.7907, 5.9166

Square

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



25.2539, 23.7907, 70.2789



35.1030, 23.7907, 19.2778



20.1617, 23.7907, 5.7444



13.5038, 23.7907, 33.8973

Rectangle

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



25.2539, 23.7907, 70.2789



33.9495, 23.7907, 42.7642



20.1617, 23.7907, 5.7444



14.1302, 23.7907, 14.1850

Sweetspot

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



25.2548, 23.7915, 70.2795



71.0401, 74.1244, 105.1710



37.3855, 55.9721, 49.9089



14.4825, 15.0717, 22.3958



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.



25.2548, 23.7915, 70.2795



29.2430, 25.4195, 97.9729



23.0623, 15.8403, 68.8603



12.6831, 13.3060, 16.5520



9.0178, 5.9050, 40.4029



0.6612, 0.5365, 2.6432

Inverse Universe

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



37.0353, 24.0396, 24.5185



47.9117, 27.8414, 25.0001



50.3350, 63.3399, 19.2472



13.2299, 13.1211, 14.4720



18.0471, 9.2199, 4.6280



1.2080, 0.6129, 0.5044

Previews

White Background



This preview shows how the XYZ color 25.2539, 23.7907, 70.2789 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 25.2539, 23.7907, 70.2789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

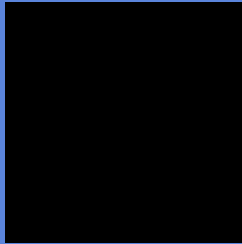
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.2539, 23.7907, 70.2789

Background



This preview shows how black text looks on a background with the XYZ color 25.2539, 23.7907, 70.2789.

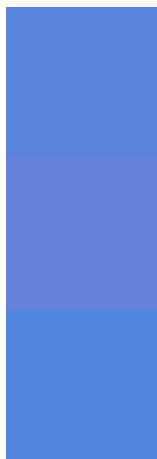


This preview shows how white text looks on a background with the XYZ color 25.2539, 23.7907,

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

25.2539, 23.7907, 70.2789

Protanopia

25.7831, 23.6799, 69.5414

Deuteranopia

24.6195, 23.8701, 70.3276



Tritanopia

18.2611, 23.7419, 35.5185

Trichromacy



Original Color

25.2539, 23.7907, 70.2789

Protanomaly

25.5951, 23.7814, 69.5709

Deuteranomaly

24.8299, 23.7743, 70.2981

Tritanomaly

20.3640, 23.4679, 46.6365

Monochromacy



Original Color

25.2539, 23.7907, 70.2789

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.5745, 22.2187, 37.3340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2539, 23.7907, 70.2789 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, 132, 219)` looks like.

```
.text, #text, p{  
    color:rgb(90, 132, 219)  
}
```

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, 132, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 132, 219) }
```

Border

The CSS property to change the border of an element to XYZ 25.2539, 23.7907, 70.2789 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, 132, 219) }
```


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

```
.border{ border-color:rgb(90, 132, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 132, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 132, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 132, 219);  
box-shadow:4px 4px 4px 4px rgb(90, 132,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2539, 23.7907, 70.2789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 132, 219) }
```

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

```
.background{ background-color: rgb(90, 132,  
219) }
```

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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