

Converting Colors

XYZ(25.2642, 24.3125, 69.6285)

Have a look what the booklet for
XYZ(25.2642, 24.3125, 69.6285)
contains.

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Color

**XYZ(25.2045, 24.1869,
69.6698)**

Conversions

Conversions Part 1

Format	Color
Hex	5886DA
RGB	88, 134, 218
RGB Percent	35%, 53%, 85%
CMY	0.6549, 0.4745, 0.1451
CMYK	0.60, 0.39, 0.00, 0.15
HSL	219°, 64%, 60%
HSV	219°, 60%, 85%
XYZ	25.2045, 24.1869, 69.6698
YIQ	129.8220, -54.3800, 16.3720

Conversions

Conversions Part 2

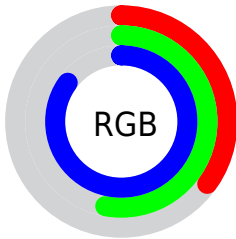
Format	Color
R _Y B	88, 122, 218
Decimal	5801690
CIE Lab	56.27, 9.70, -47.73
CIE LCh	56, 48.707, 281.490
Yxy	24.1869, 0.2117, 0.2031
Android (android.graphics.Color)	4283991770 (0xFF5886DA)
YUV	129.8220, 43.4718, -36.6779
Hunter-Lab	49.1802, 5.4147, -49.5655

Details

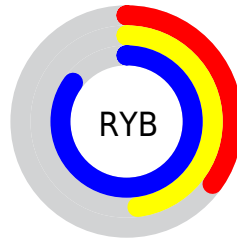
The XYZ color **25.2045, 24.1869, 69.6698** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **45.4290, 45.1174, 15.5481**, and the grayscale version is **21.0214, 22.1162, 24.0845**.

A 20% lighter version of the original color is **47.8529, 48.9637, 101.5366**, and **9.8327, 9.1379, 35.4280** is the 20% darker color. If you saturate the color by 10%, you get **21.6220, 19.6400, 68.9815**, and if you desaturate by 10%, it is **29.6651, 29.5722, 70.4747**.

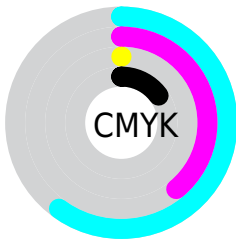
Distribution



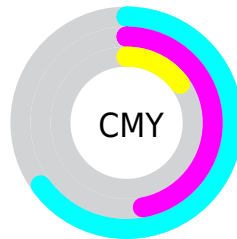
- Red (35%)
- Green (53%)
- Blue (85%)



- Red (35%)
- Yellow (48%)
- Blue (85%)



- Cyan (60%)
- Magenta (39%)
- Yellow (0%)
- Black (15%)



- Cyan (65%)
- Magenta (47%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2045, 24.1869, 69.6698 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 25.2045, 24.1869, 69.6698 by changing the saturation by 10% instead.

■ 25.2045, 24.1869,
69.6698

■ 25.2045, 24.1869,
69.6698

271.1837,
273.7640, 478.1475

■ 16.3590, 15.4723,
50.7822

■ 51.4293, 50.3350,
120.4144

■ 9.8710, 9.1515,
35.6598

■ 69.5393, 68.5374,
153.1086

■ 5.3751, 4.8402,
23.8840

■ 91.4682, 90.6711,
191.2421

■ 2.5060, 2.1538,
15.0362

■ 117.5814,
117.1205, 235.2333

■ 0.8983, 0.6946,
8.6979

148.2442,
148.2702, 285.5010

■ 0.0000, 0.0000,
4.4505

183.8219,

■ 0.0000, 0.0000,

184.5044, 342.4635

1.8756

224.6800,
226.2075, 406.5395

■ 0.0000, 0.0000,
0.4772

■ 0.0000, 0.0000,
0.0000

■ 25.2045, 24.1869,
69.6698

■ 25.2045, 24.1869,
69.6698

■ 21.6220, 19.6400,
68.9815

■ 29.6651, 29.5722,
70.4747

■ 18.8476, 15.8793,
68.4018

■ 35.0605, 35.8383,
71.3998

■ 16.8042, 12.8492,
67.9246

■ 41.4455, 43.0274,
72.4509

■ 15.3650, 10.4671,
67.5407

■ 48.8697, 51.1779,
73.6328

■ 15.3183, 10.3885,
67.5280

■ 57.3792, 60.3261,
74.9501

■ 67.0173, 70.5060,
76.4070

■ 77.8248, 81.7500,
78.0077

■ 87.0626, 92.6572,
79.6261

■ 89.6550, 97.8420,
80.4903

Harmonies

Analogous

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



19.7328, 24.1869, 67.8147



25.2045, 24.1869, 69.6698



30.8980, 24.1869, 56.9017

Triad

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



25.2045, 24.1869, 69.6698



32.0490, 24.1869, 10.7172



14.2049, 24.1869, 17.6979

Complementary

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



25.2045, 24.1869, 69.6698



45.4290, 45.1174, 15.5481

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.



16.5597, 24.1869, 9.3150



25.2045, 24.1869, 69.6698



26.5848, 24.1869, 6.5646

Square

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



25.2045, 24.1869, 69.6698



35.2574, 24.1869, 20.6503



20.9071, 24.1869, 6.1846



13.9584, 24.1869, 32.9785

Rectangle

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



25.2045, 24.1869, 69.6698



33.8257, 24.1869, 43.9964



20.9071, 24.1869, 6.1846



14.7558, 24.1869, 14.1744

Sweetspot

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



25.2055, 24.1877, 69.6704



71.3902, 74.8247, 105.2877



36.3843, 55.1333, 46.9213



14.5670, 15.2409, 22.4240



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.



25.2055, 24.1877, 69.6704



29.5332, 26.2853, 98.1247



22.0109, 15.0664, 68.0782



12.7137, 13.3672, 16.5622



9.2693, 6.4080, 40.4867



0.6800, 0.5742, 2.6494

Inverse Universe

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



36.7071, 23.6073, 25.1769



47.9885, 27.6054, 26.2269



50.8316, 63.2195, 18.7574



13.2454, 13.1273, 14.5534



18.1740, 9.2706, 5.2965



1.2175, 0.6167, 0.5545

Previews

White Background



This preview shows how the XYZ color 25.2045, 24.1869, 69.6698 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 25.2045, 24.1869, 69.6698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

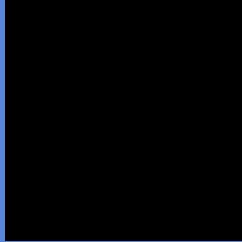
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

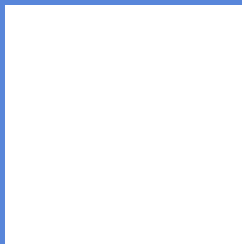
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2045, 24.1869, 69.6698

Background



This preview shows how black text looks on a background with the XYZ color 25.2045, 24.1869, 69.6698.

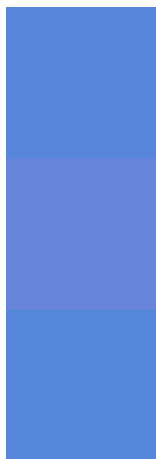


This preview shows how white text looks on a background with the XYZ color 25.2045, 24.1869,

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

25.2045, 24.1869, 69.6698

Protanopia

26.1254, 24.2852, 68.2763

Deuteranopia

24.9750, 24.2747, 69.6988



Tritanopia

18.4370, 24.0505, 36.0182

Trichromacy



Original Color

25.2045, 24.1869, 69.6698

Protanomaly

25.8417, 24.3262, 68.9791

Deuteranomaly

25.0652, 24.3212, 69.7031

Tritanomaly

20.5098, 23.9809, 46.7278

Monochromacy



Original Color

25.2045, 24.1869, 69.6698

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.7081, 22.4861, 37.3785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2045, 24.1869, 69.6698 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, 134, 218)` looks like.

```
.text, #text, p{  
    color:rgb(88, 134, 218)  
}
```

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, 134, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 134, 218) }
```

Border

The CSS property to change the border of an element to XYZ 25.2045, 24.1869, 69.6698 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, 134, 218) }
```


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

```
.border{ border-color:rgb(88, 134, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 134, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 134, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 134, 218);  
box-shadow:4px 4px 4px 4px rgb(88, 134,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2045, 24.1869, 69.6698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 134, 218) }
```

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

```
.background{ background-color: rgb(88, 134,  
218) }
```

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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