

Converting Colors

XYZ(24.9758, 18.0696, 85.3916)

Have a look what the booklet for
XYZ(24.9758, 18.0696, 85.3916)
contains.

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Color

**XYZ(25.0422, 18.1289,
85.3985)**

Conversions

Conversions Part 1

Format	Color
Hex	5C66F1
RGB	92, 102, 241
RGB Percent	36%, 40%, 95%
CMY	0.6392, 0.6000, 0.0549
CMYK	0.62, 0.58, 0.00, 0.05
HSL	236°, 84%, 65%
HSV	236°, 62%, 95%
XYZ	25.0422, 18.1289, 85.3985
YIQ	114.8560, -50.5790, 41.1090

Conversions

Conversions Part 2

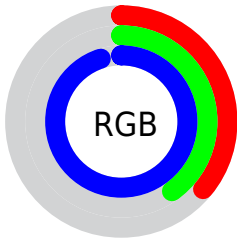
Format	Color
R _Y B	92, 101, 241
Decimal	6055665
CIE Lab	49.65, 37.56, -71.25
CIE LCh	50, 80.541, 297.794
Yxy	18.1289, 0.1948, 0.1410
Android (android.graphics.Color)	4284245745 (0xFF5C66F1)
YUV	114.8560, 62.1890, -20.0447
Hunter-Lab	42.5780, 30.4729, -89.1129

Details

The XYZ color **25.0422, 18.1289, 85.3985** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted azure. A complement of this color would be **66.7864, 76.6305, 21.3983**, and the grayscale version is **16.0819, 16.9194, 18.4252**.

A 20% lighter version of the original color is **42.9588, 36.9710, 99.4797**, and **10.0179, 6.1931, 46.0148** is the 20% darker color. If you saturate the color by 10%, you get **21.0881, 13.2433, 84.6643**, and if you desaturate by 10%, it is **30.3626, 24.6082, 86.3692**.

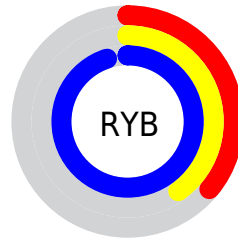
Distribution



Red (36%)

Green (40%)

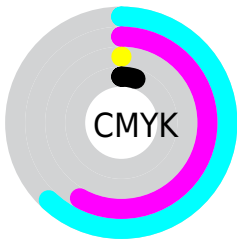
Blue (95%)



Red (36%)

Yellow (40%)

Blue (95%)

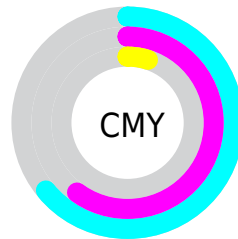


Cyan (62%)

Magenta (58%)

Yellow (0%)

Black (5%)



Cyan (64%)

Magenta (60%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0422, 18.1289, 85.3985 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 25.0422, 18.1289, 85.3985 by changing the saturation by 10% instead.

■ 25.0422, 18.1289,
85.3985

■ 25.0422, 18.1289,
85.3985

270.3918,
241.5966, 533.1247

■ 16.2374, 11.0426,
63.6187

■ 51.1681, 40.2568,
142.8089

■ 9.7842, 6.0955,
45.8977

■ 69.2199, 56.0672,
179.2766

■ 5.3173, 2.9032,
31.8170

■ 91.0847, 75.5545,
221.4772

■ 2.4713, 1.0814,
20.9581

■ 117.1279, 99.1029,
269.8294

■ 0.8808, 0.0000,
12.9024

147.7149,
127.0969, 324.7518

■ 0.0000, 0.0000,
7.2315

183.2109,

■ 0.0000, 0.0000,

159.9210, 386.6627

3.5266

223.9815,
197.9594, 455.9808

■ 0.0000, 0.0000,
1.3694

■ 0.0000, 0.0000,
0.1177

■ 25.0422, 18.1289,
85.3985

■ 25.0422, 18.1289,
85.3985

■ 21.0881, 13.2433,
84.6643

■ 30.3626, 24.6082,
86.3692

■ 18.3725, 9.8116,
84.1451

■ 37.1564, 32.8019,
87.5926

■ 16.7477, 7.6723,
83.8178

■ 45.5230, 42.8206,
89.0855

■ 16.0650, 6.7263,
83.6712

■ 55.5526, 54.7652,
90.8624

■ 67.3284, 68.7293,
92.9371

■ 80.9280, 84.8005,
95.3224

■ 92.8773, 99.1309,
97.4586

Harmonies

Analogous

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



16.6709, 18.1289, 98.8755



25.0422, 18.1289, 85.3985



32.9185, 18.1289, 51.7884

Triad

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



25.0422, 18.1289, 85.3985



26.3217, 18.1289, 1.2439



6.3141, 18.1289, 18.1616

Complementary

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



25.0422, 18.1289, 85.3985



66.7864, 76.6305, 21.3983

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.



7.5394, 18.1289, 4.7222



25.0422, 18.1289, 85.3985



17.8034, 18.1289, 0.3583

Square

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



25.0422, 18.1289, 85.3985



33.7980, 18.1289, 5.8894



11.2407, 18.1289, 1.0044



7.2177, 18.1289, 46.6270

Rectangle

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



25.0422, 18.1289, 85.3985



35.9821, 18.1289, 30.0550



11.2407, 18.1289, 1.0044



6.4803, 18.1289, 12.1038

Sweetspot

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



25.0431, 18.1294, 85.3990



66.6536, 66.4147, 103.9140



49.9549, 70.8207, 84.8619



13.4901, 13.2933, 22.1048



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.



25.0431, 18.1294, 85.3990



23.1097, 13.9741, 96.0870



33.0484, 20.8853, 85.5090



14.9824, 15.3988, 19.9042



8.7451, 3.7145, 45.3839



0.7571, 0.3682, 3.7854

Inverse Universe

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



42.5020, 27.3159, 15.6028



44.6154, 25.7554, 10.0083



51.9596, 73.2581, 21.5288



15.8158, 15.7760, 16.5862



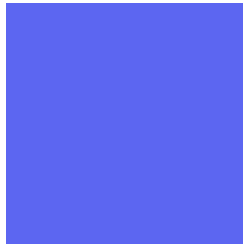
19.7398, 10.1683, 1.2802



1.6571, 0.8519, 0.1851

Previews

White Background



This preview shows how the XYZ color 25.0422, 18.1289, 85.3985 looks on a white background.

Color Contrast Check

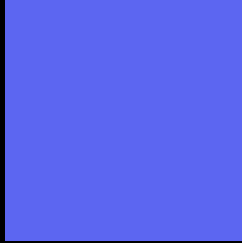
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 25.0422, 18.1289, 85.3985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

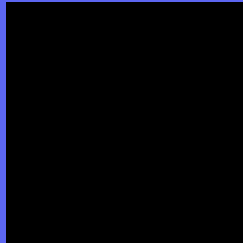
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0422, 18.1289, 85.3985

Background



This preview shows how black text looks on a background with the XYZ color 25.0422, 18.1289, 85.3985.



This preview shows how white text looks on a background with the XYZ color 25.0422, 18.1289,

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

25.0422, 18.1289, 85.3985

Protanopia

21.6333, 18.1015, 84.7918

Deuteranopia

18.1016, 17.9870, 62.1923



Tritanopia

13.4206, 18.0253, 27.5828

Trichromacy



Original Color

25.0422, 18.1289, 85.3985

Protanomaly

21.8240, 17.5519, 84.6757

Deuteranomaly

19.4506, 17.3009, 70.0244

Tritanomaly

16.2776, 17.2675, 44.0700

Monochromacy



Original Color

25.0422, 18.1289, 85.3985

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

18.0724, 16.8509, 36.0182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0422, 18.1289, 85.3985 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(92, 102, 241)` looks like.

```
.text, #text, p{  
    color:rgb(92, 102, 241)  
}
```

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(92, 102, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 102, 241) }
```

Border

The CSS property to change the border of an element to XYZ 25.0422, 18.1289, 85.3985 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(92, 102, 241) }
```


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

```
.border{ border-color:rgb(92, 102, 241) }
```

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

Here you see how a box with a 4 pixel rgb(92, 102, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 102, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 102, 241);  
box-shadow:4px 4px 4px 4px rgb(92, 102,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0422, 18.1289, 85.3985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 102, 241) }
```

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

```
.background{ background-color: rgb(92, 102,  
241) }
```

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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