

Converting Colors

XYZ(25.1073, 23.4351, 64.8281)

Have a look what the booklet for
XYZ(25.1073, 23.4351, 64.8281)
contains.

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Color

**XYZ(25.1073, 23.4351,
64.8281)**

Conversions

Conversions Part 1

Format	Color
Hex	6582D3
RGB	101, 130, 211
RGB Percent	40%, 51%, 83%
CMY	0.6039, 0.4902, 0.1725
CMYK	0.52, 0.38, 0.00, 0.17
HSL	224°, 56%, 61%
HSV	224°, 52%, 83%
XYZ	25.1073, 23.4351, 64.8281
YIQ	130.5630, -43.2850, 19.0430

Conversions

Conversions Part 2

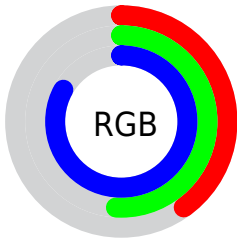
Format	Color
RYB	101, 124, 211
Decimal	6652627
CIELab	55.52, 12.55, -44.95
CIELCh	56, 46.667, 285.602
Yxy	23.4351, 0.2215, 0.2067
Android (android.graphics.Color)	4284842707 (0xFF6582D3)
YUV	130.5630, 39.6554, -25.9268
Hunter-Lab	48.4098, 7.8602, -45.5115

Details

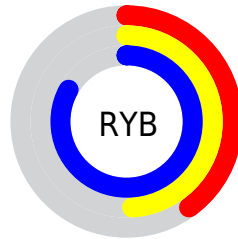
The XYZ color **25.1073, 23.4351, 64.8281** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **45.9421, 48.2461, 19.2042**, and the grayscale version is **21.2931, 22.4020, 24.3957**.

A 20% lighter version of the original color is **49.0840, 48.3561, 101.3544**, and **9.8183, 8.7363, 32.6213** is the 20% darker color. If you saturate the color by 10%, you get **21.1280, 18.5441, 64.0943**, and if you desaturate by 10%, it is **30.0069, 29.2645, 65.6955**.

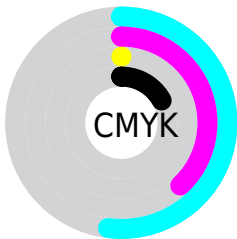
Distribution



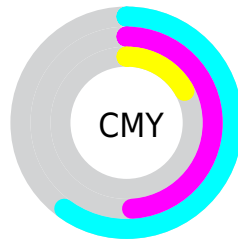
- Red (40%)
- Green (51%)
- Blue (83%)



- Red (40%)
- Yellow (49%)
- Blue (83%)



- Cyan (52%)
- Magenta (38%)
- Yellow (0%)
- Black (17%)



- Cyan (60%)
- Magenta (49%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1073, 23.4351, 64.8281 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 25.1073, 23.4351, 64.8281 by changing the saturation by 10% instead.

■ 25.1073, 23.4351,
64.8281

■ 25.1073, 23.4351,
64.8281

270.7097,
269.9519, 460.4633

■ 16.2862, 14.9151,
46.8712

■ 51.2729, 49.1068,
113.4136

■ 9.8190, 8.7598,
32.5803

■ 69.3480, 67.0273,
144.8793

■ 5.3405, 4.5849,
21.5366

■ 91.2386, 88.8500,
181.6851

■ 2.4852, 2.0058,
13.3218

■ 117.3099,
114.9595, 224.2494

■ 0.8878, 0.6108,
7.5172

147.9273,
145.7400, 272.9908

■ 0.0000, 0.0000,
3.7043

183.4562,

■ 0.0000, 0.0000,

181.5760, 328.3279

1.4645

224.2618,
222.8518, 390.6792

■ 0.0000, 0.0000,
0.1913

■ 0.0000, 0.0000,
0.0000

■ 25.1073, 23.4351,
64.8281

■ 25.1073, 23.4351,
64.8281

■ 21.1280, 18.5441,
64.0943

■ 30.0069, 29.2645,
65.6955

■ 18.0049, 14.5368,
63.4854

■ 35.8796, 36.0779,
66.7011

■ 15.6695, 11.3558,
62.9945

■ 42.7770, 43.9206,
67.8514

■ 14.0402, 8.9350,
62.6131

■ 50.7466, 52.8343,
69.1518

■ 13.1540, 7.4952,
62.3819

■ 59.8325, 62.8583,
70.6078

■ 70.0764, 74.0300,
72.2242

■ 81.5179, 86.3848,
74.0059

■ 88.5361, 97.0396,
75.6926

■ 88.7580, 97.4832,
75.7665

Harmonies

Analogous

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



19.8524, 23.4351, 65.1217



25.1073, 23.4351, 64.8281



30.3121, 23.4351, 51.6273

Triad

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



25.1073, 23.4351, 64.8281



30.1280, 23.4351, 9.9099



13.8426, 23.4351, 18.9695

Complementary

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



25.1073, 23.4351, 64.8281



45.9421, 48.2461, 19.2042

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.



15.8002, 23.4351, 10.1406



25.1073, 23.4351, 64.8281



24.8857, 23.4351, 6.4851

Square

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



25.1073, 23.4351, 64.8281



33.5073, 23.4351, 18.4912



19.6630, 23.4351, 6.5485



13.8827, 23.4351, 34.1286

Rectangle

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



25.1073, 23.4351, 64.8281



32.8154, 23.4351, 39.4527



19.6630, 23.4351, 6.5485



14.2735, 23.4351, 15.3228

Sweetspot

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



25.1082, 23.4359, 64.8287



72.7532, 75.3727, 105.3216



37.0711, 52.7195, 52.2986



15.0280, 15.5241, 22.4543



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.



25.1082, 23.4359, 64.8287



31.6052, 27.4244, 98.2354



25.1155, 18.4983, 63.8752



11.4135, 11.9173, 14.9424



8.0103, 4.6672, 37.6712



0.5136, 0.3925, 2.1283

Inverse Universe

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



35.5477, 24.7691, 24.0271



49.7678, 31.1253, 26.9391



45.7321, 57.8845, 21.0757



11.9349, 11.8587, 12.9328



16.6740, 8.5424, 3.1892



0.9655, 0.4909, 0.3531

Previews

White Background



This preview shows how the XYZ color 25.1073, 23.4351, 64.8281 looks on a white background.

Color Contrast Check

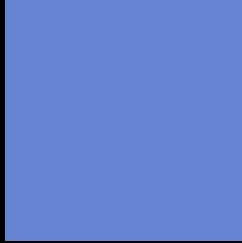
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1073, 23.4351, 64.8281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

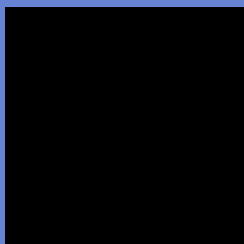
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1073, 23.4351, 64.8281

Background



This preview shows how black text looks on a background with the XYZ color 25.1073, 23.4351, 64.8281.



This preview shows how white text looks on a background with the XYZ color 25.1073, 23.4351,

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

25.1073, 23.4351, 64.8281

Protanopia

25.2200, 23.4932, 64.8334

Deuteranopia

24.1402, 23.5520, 64.2464



Tritanopia

18.9024, 23.4397, 33.6651

Trichromacy



Original Color

25.1073, 23.4351, 64.8281

Protanomaly

25.2200, 23.4932, 64.8334

Deuteranomaly

24.3983, 23.4828, 64.2195

Tritanomaly

20.8483, 23.3568, 43.4539

Monochromacy



Original Color

25.1073, 23.4351, 64.8281

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.2072, 22.7637, 36.4811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1073, 23.4351, 64.8281 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(101, 130, 211)` looks like.

```
.text, #text, p{  
    color:rgb(101, 130, 211)  
}
```

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(101, 130, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 130, 211) }
```

Border

The CSS property to change the border of an element to XYZ 25.1073, 23.4351, 64.8281 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(101, 130, 211) }
```


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

```
.border{ border-color:rgb(101, 130, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 130, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 130, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 130, 211);  
box-shadow:4px 4px 4px 4px rgb(101, 130,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1073, 23.4351, 64.8281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 130, 211) }
```

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

```
.background{ background-color: rgb(101,  
130, 211) }
```

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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