

Converting Colors

XYZ(25.0766, 22.5943, 93.3672)

Have a look what the booklet for
XYZ(25.0766, 22.5943, 93.3672)
contains.

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Color

**XYZ(25.1056, 22.6026,
93.4820)**

Conversions

Conversions Part 1

Format	Color
Hex	0081FA
RGB	0, 129, 250
RGB Percent	0%, 51%, 98%
CMY	0.9997, 0.4941, 0.0196
CMYK	1.00, 0.48, 0.00, 0.02
HSL	209°, 100%, 49%
HSV	209°, 100%, 98%
XYZ	25.1056, 22.6026, 93.4820
YIQ	104.2230, -115.7250, 10.2830

Conversions

Conversions Part 2

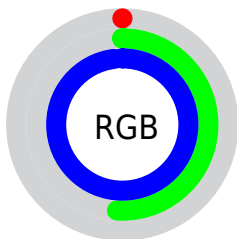
Format	Color
RYB	0, 85, 250
Decimal	33274
CIELab	54.66, 16.24, -68.26
CIELCh	55, 70.163, 283.381
Yxy	22.6026, 0.1778, 0.1601
Android (android.graphics.Color)	4278223354 (0xFF0081FA)
YUV	104.2230, 71.8681, -91.4036
Hunter-Lab	47.5422, 11.0616, -83.3021

Details

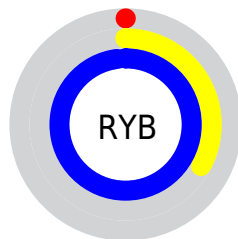
The XYZ color **25.1056, 22.6026, 93.4820** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **46.2719, 34.0181, 4.1296**, and the grayscale version is **13.0601, 13.7402, 14.9631**.

A 20% lighter version of the original color is **41.1294, 43.6473, 100.8648**, and **12.5681, 9.7351, 51.6687** is the 20% darker color. If you saturate the color by 10%, you get **25.1007, 22.5928, 93.4809**, and if you desaturate by 10%, it is **27.1985, 26.1902, 94.0647**.

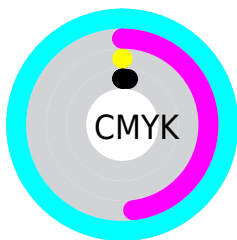
Distribution



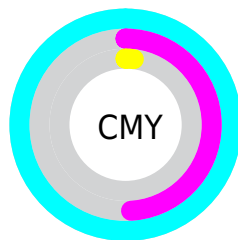
- Red (0%)
- Green (51%)
- Blue (98%)



- Red (0%)
- Yellow (33%)
- Blue (98%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (49%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1056, 22.6026, 93.4820 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 25.1056, 22.6026, 93.4820 by changing the saturation by 10% instead.

■ 25.1056, 22.6026,
93.4820

■ 25.1056, 22.6026,
93.4820

270.7014,
265.6772, 560.1535

■ 16.2849, 14.3003,
70.2823

■ 51.2701, 47.7400,
154.1432

■ 9.8181, 8.3299,
51.2785

■ 69.3447, 65.3439,
192.4418

■ 5.3399, 4.3067,
36.0520

■ 91.2346, 86.8171,
236.6105

■ 2.4848, 1.8466,
24.1844

■ 117.3052,
112.5441, 287.0678

■ 0.8876, 0.5160,
15.2570

■ 147.9218,
142.9092, 344.2321

■ 0.0000, 0.0000,
8.8513

183.4498,

■ 0.0000, 0.0000,

178.2968, 408.5222

4.5488

224.2545,
219.0914, 480.3565

■ 0.0000, 0.0000,
1.9310

■ 0.0000, 0.0000,
0.5124

■ 25.1056, 22.6026,
93.4820

■ 25.1056, 22.6026,
93.4820

■ 25.1007, 22.5928,
93.4809

■ 27.1985, 26.1902,
94.0647

■ 29.9999, 30.4328,
94.7360

■ 33.6746, 35.4240,
95.5057

■ 38.3239, 41.2246,
96.3803

■ 44.0338, 47.8870,
97.3653

■ 50.8797, 55.4580,
98.4659

■ 58.9297, 63.9802,
99.6865

■ 68.2462, 73.4930,
101.0317

■ 78.8867, 84.0333,
102.5053

Harmonies

Analogous

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



17.5105, 22.6026, 91.9766



25.1056, 22.6026, 93.4820



33.3794, 22.6026, 70.2548

Triad

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



25.1056, 22.6026, 93.4820



34.1814, 22.6026, 5.4345



10.1657, 22.6026, 14.3425

Complementary

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



25.1056, 22.6026, 93.4820



46.2719, 34.0181, 4.1296

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.



12.8139, 22.6026, 4.8372



25.1056, 22.6026, 93.4820



26.0152, 22.6026, 2.2149

Square

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



25.1056, 22.6026, 93.4820



39.4059, 22.6026, 16.0231



18.2270, 22.6026, 2.0924



10.0344, 22.6026, 35.8209

Rectangle

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



25.1056, 22.6026, 93.4820



37.6777, 22.6026, 49.0006



18.2270, 22.6026, 2.0924



10.7557, 22.6026, 10.0522

Sweetspot

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



25.1067, 22.6032, 93.4826



61.5867, 66.8675, 104.2685



37.6303, 69.7495, 29.5283



12.3883, 13.4811, 22.1991



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.



25.1067, 22.6032, 93.4826



26.2392, 23.5984, 97.7797



17.3025, 6.9948, 90.8812



17.0236, 18.1240, 21.9863



13.4590, 12.2736, 49.6332



1.3527, 1.3491, 4.6323

Inverse Universe

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



43.3879, 21.9108, 22.7113



45.3735, 22.9134, 23.6968



72.3307, 86.1357, 12.8159



17.6185, 17.3747, 19.8465



23.0855, 11.6499, 12.4246



2.1917, 1.1004, 1.4329

Previews

White Background



This preview shows how the XYZ color 25.1056, 22.6026, 93.4820 looks on a white background.

Color Contrast Check

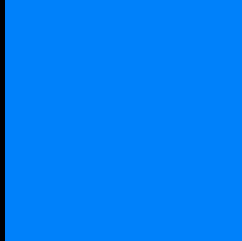
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1056, 22.6026, 93.4820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

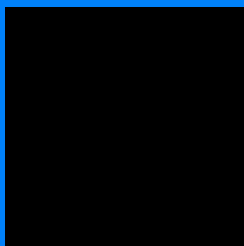
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

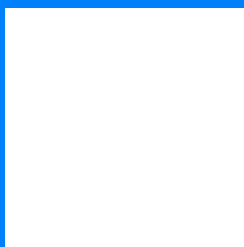
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1056, 22.6026, 93.4820

Background



This preview shows how black text looks on a background with the XYZ color 25.1056, 22.6026, 93.4820.



This preview shows how white text looks on a background with the XYZ color 25.1056, 22.6026,

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

25.1056, 22.6026, 93.4820

Protanopia

26.2993, 22.6939, 90.9899

Deuteranopia

22.9530, 22.6013, 79.4967



Tritanopia

15.9581, 22.5839, 34.0899

Trichromacy



Original Color

25.1056, 22.6026, 93.4820

Protanomaly

25.4077, 22.4072, 91.7928

Deuteranomaly

23.8313, 22.7345, 84.7935

Tritanomaly

18.4179, 22.1394, 51.4467

Monochromacy



Original Color

25.1056, 22.6026, 93.4820

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

14.2377, 15.4028, 34.1209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1056, 22.6026, 93.4820 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(0, 129, 250)` looks like.

```
.text, #text, p{  
    color:rgb(0, 129, 250)  
}
```

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(0, 129, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 129, 250) }
```

Border

The CSS property to change the border of an element to XYZ 25.1056, 22.6026, 93.4820 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(0, 129, 250) }
```


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

```
.border{ border-color:rgb(0, 129, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 129, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 129, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 129, 250);  
box-shadow:4px 4px 4px 4px rgb(0, 129,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1056, 22.6026, 93.4820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 129, 250) }
```

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

```
.background{ background-color: rgb(0, 129,  
250) }
```

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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