

Converting Colors

XYZ(11.7973, 18.3671, 85.2029)

Have a look what the booklet for
XYZ(11.7973, 18.3671, 85.2029)
contains.

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Color

**XYZ(25.2531, 25.3410,
85.9984)**

Conversions

Conversions Part 1

Format	Color
Hex	008DF0
RGB	0, 141, 240
RGB Percent	0%, 55%, 94%
CMY	0.9997, 0.4471, 0.0588
CMYK	1.00, 0.41, 0.00, 0.06
HSL	205°, 100%, 47%
HSV	205°, 100%, 94%
XYZ	25.2531, 25.3410, 85.9984
YIQ	110.1270, -115.8150, 0.8970

Conversions

Conversions Part 2

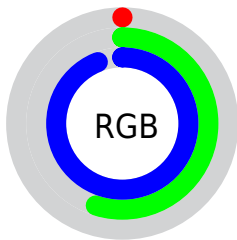
Format	Color
R _{YB}	0, 89, 240
Decimal	36336
CIE Lab	57.41, 5.03, -58.31
CIE LCh	57, 58.527, 274.931
Yxy	25.3410, 0.1849, 0.1855
Android (android.graphics.Color)	4278226416 (0xFF008DF0)
YUV	110.1270, 64.0274, -96.5814
Hunter-Lab	50.3398, 1.4502, -66.0506

Details

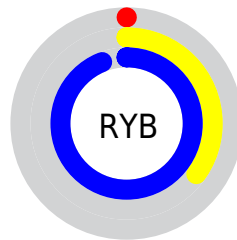
The XYZ color **25.2531, 25.3410, 85.9984** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark saturated azure. A complement of this color would be **40.4046, 27.4630, 3.1734**, and the grayscale version is **14.7099, 15.4759, 16.8533**.

A 20% lighter version of the original color is **43.5261, 48.9917, 101.7700**, and **12.3744, 11.0732, 46.2849** is the 20% darker color. If you saturate the color by 10%, you get **25.2488, 25.3324, 85.9976**, and if you desaturate by 10%, it is **27.1578, 28.5886, 86.5255**.

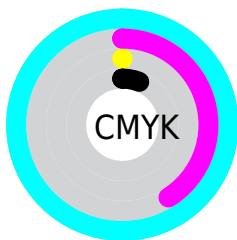
Distribution



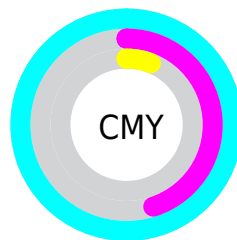
- Red (0%)
- Green (55%)
- Blue (94%)



- Red (0%)
- Yellow (35%)
- Blue (94%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (45%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2531, 25.3410, 85.9984 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 25.2531, 25.3410, 85.9984 by changing the saturation by 10% instead.

■ 25.2531, 25.3410,
85.9984

■ 25.2531, 25.3410,
85.9984

271.4205,
279.5319, 535.1564

■ 16.3955, 16.3313,
64.1118

■ 51.5075, 52.2099,
143.6538

■ 9.8970, 9.7589,
46.2944

■ 69.6349, 70.8379,
180.2596

■ 5.3925, 5.2394,
32.1279

■ 91.5830, 93.4407,
222.6089

■ 2.5164, 2.3884,
21.1936

■ 117.7171,
120.4028, 271.1202

■ 0.9036, 0.8199,
13.0730

■ 148.4025,
152.1086, 326.2121

■ 0.0000, 0.0000,
7.3475

184.0047,

■ 0.0000, 0.0000,

188.9425, 388.3031

3.5986

224.8889,
231.2888, 457.8117

■ 0.0000, 0.0000,
1.4078

■ 0.0000, 0.0000,
0.1478

■ 25.2531, 25.3410,
85.9984

■ 25.2531, 25.3410,
85.9984

■ 25.2488, 25.3324,
85.9976

■ 27.1578, 28.5886,
86.5255

■ 29.6618, 32.3437,
87.1183

■ 32.9144, 36.6881,
87.7854

■ 37.0051, 41.6725,
88.5319

■ 42.0095, 47.3403,
89.3621

■ 47.9941, 53.7300,
90.2800

■ 55.0185, 60.8764,
91.2892

■ 63.1373, 68.8118,
92.3930

■ 72.4013, 77.5662,
93.5945

Harmonies

Analogous

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



18.8549, 25.3410, 78.8164



25.2531, 25.3410, 85.9984



32.5782, 25.3410, 72.3762

Triad

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



25.2531, 25.3410, 85.9984



36.7895, 25.3410, 10.9654



13.8943, 25.3410, 14.3433

Complementary

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



25.2531, 25.3410, 85.9984



40.4046, 27.4630, 3.1734

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.



17.2147, 25.3410, 6.6038



25.2531, 25.3410, 85.9984



30.2046, 25.3410, 5.4149

Square

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



25.2531, 25.3410, 85.9984



40.0071, 25.3410, 24.4308



22.9552, 25.3410, 4.3272



13.0728, 25.3410, 31.0149

Rectangle

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



25.2531, 25.3410, 85.9984



36.7650, 25.3410, 55.9468



22.9552, 25.3410, 4.3272



14.7190, 25.3410, 10.9246

Sweetspot

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



25.2542, 25.3417, 85.9991



63.0289, 69.7519, 104.7492



33.2746, 63.1664, 21.5155



12.7303, 14.1651, 22.3131



0.0000, 0.0000, 0.0000



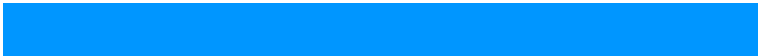
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.2542, 25.3417, 85.9991



28.9214, 28.9628, 98.6738



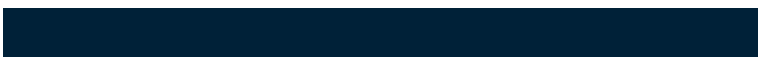
16.0572, 6.9478, 82.9334



15.6689, 16.7719, 20.1331



13.9558, 14.1358, 47.1208



1.2588, 1.3715, 3.9526

Inverse Universe

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



40.7440, 20.4501, 26.9994



46.7274, 23.4550, 30.8262



60.4937, 67.6414, 9.8698



16.1623, 15.9146, 18.4109



22.3699, 11.2204, 15.1301



1.9103, 0.9532, 1.5186

Previews

White Background



This preview shows how the XYZ color 25.2531, 25.3410, 85.9984 looks on a white background.

Color Contrast Check

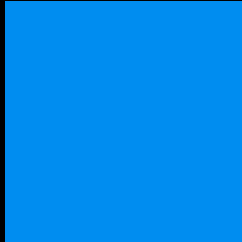
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2531, 25.3410, 85.9984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

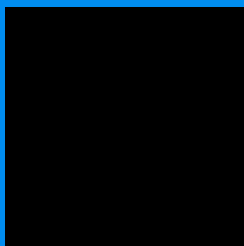
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

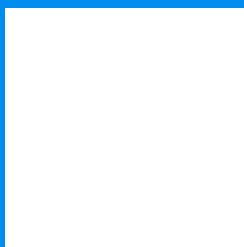
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2531, 25.3410, 85.9984

Background



This preview shows how black text looks on a background with the XYZ color 25.2531, 25.3410, 85.9984.



This preview shows how white text looks on a background with the XYZ color 25.2531, 25.3410,

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

25.2531, 25.3410, 85.9984

Protanopia

27.8492, 25.3131, 80.5089

Deuteranopia

26.3764, 25.4691, 86.7449



Tritanopia

17.8391, 25.1008, 38.5551

Trichromacy



Original Color

25.2531, 25.3410, 85.9984

Protanomaly

25.9495, 24.9081, 82.7969

Deuteranomaly

25.8203, 25.3983, 86.7606

Tritanomaly

19.9939, 24.9414, 53.0506

Monochromacy



Original Color

25.2531, 25.3410, 85.9984

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.4490, 17.4112, 34.4447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2531, 25.3410, 85.9984 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, 141, 240)` looks like.

```
.text, #text, p{  
    color:rgb(0, 141, 240)  
}
```

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, 141, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 141, 240) }
```

Border

The CSS property to change the border of an element to XYZ 25.2531, 25.3410, 85.9984 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, 141, 240) }
```


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

```
.border{ border-color:rgb(0, 141, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 141, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 141, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 141, 240);  
box-shadow:4px 4px 4px 4px rgb(0, 141,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2531, 25.3410, 85.9984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 141, 240) }
```

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

```
.background{ background-color: rgb(0, 141,  
240) }
```

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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