

Converting Colors

XYZ(10.9794, 22.9298, 73.6885)

Have a look what the booklet for
XYZ(10.9794, 22.9298, 73.6885)
contains.

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Color

**XYZ(26.0642, 30.8175,
74.3867)**

Conversions

Conversions Part 1

Format	Color
Hex	00A1DF
RGB	0, 161, 223
RGB Percent	0%, 63%, 87%
CMY	0.9998, 0.3686, 0.1255
CMYK	1.00, 0.28, 0.00, 0.13
HSL	197°, 100%, 44%
HSV	197°, 100%, 87%
XYZ	26.0642, 30.8175, 74.3867
YIQ	119.9290, -115.8580, -14.8500

Conversions

Conversions Part 2

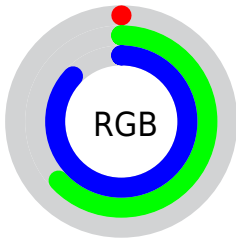
Format	Color
RYB	0, 93, 223
Decimal	41439
CIELab	62.35, -12.89, -41.06
CIELCh	62, 43.030, 252.572
Yxy	30.8175, 0.1986, 0.2348
Android (android.graphics.Color)	4278231519 (0xFF00A1DF)
YUV	119.9290, 50.8140, -105.1777
Hunter-Lab	55.5135, -13.3409, -40.5876

Details

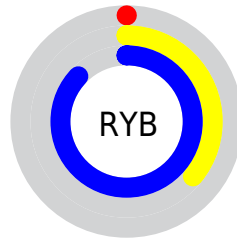
The XYZ color **26.0642, 30.8175, 74.3867** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **32.1578, 19.1398, 2.0011**, and the grayscale version is **17.7053, 18.6273, 20.2851**.

A 20% lighter version of the original color is **48.4316, 59.3350, 103.5079**, and **12.5510, 13.9419, 38.5888** is the 20% darker color. If you saturate the color by 10%, you get **26.0618, 30.8125, 74.3865**, and if you desaturate by 10%, it is **27.5143, 33.2145, 74.7736**.

Distribution



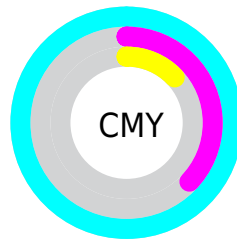
- Red (0%)
- Green (63%)
- Blue (87%)



- Red (0%)
- Yellow (36%)
- Blue (87%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (37%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0642, 30.8175, 74.3867 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 26.0642, 30.8175, 74.3867 by changing the saturation by 10% instead.

■ 26.0642, 30.8175,
74.3867

■ 26.0642, 30.8175,
74.3867

275.3480,
305.6967, 495.0060

■ 17.0046, 20.4599,
54.6119

■ 52.8091, 60.9526,
127.1829

■ 10.3331, 12.7298,
38.6946

■ 71.2250, 81.4990,
161.0414

■ 5.6843, 7.2428,
26.2162

■ 93.4905, 106.2103,
200.4316

■ 2.6929, 3.6144,
16.7582

■ 119.9709,
135.4712, 245.7719

■ 0.9935, 1.4603,
9.9021

■ 151.0314,
169.6658, 297.4810

■ 0.0000, 0.2605,
5.2294

187.0376,

■ 0.0000, 0.0000,

209.1787, 355.9773

2.3214

228.3547,
254.3942, 421.6795

■ 0.0000, 0.0000,
0.7432

■ 0.0000, 0.0000,
0.0000

■ 26.0642, 30.8175,
74.3867

■ 26.0642, 30.8175,
74.3867

■ 26.0618, 30.8125,
74.3865

■ 27.5143, 33.2145,
74.7736

■ 29.4080, 35.9206,
75.1961

■ 31.8732, 39.0034,
75.6612

■ 34.9826, 42.5014,
76.1725

■ 38.7973, 46.4471,
76.7331

■ 43.3708, 50.8693,
77.3456

■ 48.7516, 55.7937,
78.0125

■ 54.9836, 61.2442,
78.7361

■ 62.1075, 67.2427,
79.5184

Harmonies

Analogous

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



21.7955, 30.8175, 60.2575



26.0642, 30.8175, 74.3867



31.7964, 30.8175, 75.5885

Triad

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



26.0642, 30.8175, 74.3867



41.6339, 30.8175, 27.0483



22.3509, 30.8175, 15.0478

Complementary

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



26.0642, 30.8175, 74.3867



32.1578, 19.1398, 2.0011

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.



26.9210, 30.8175, 10.9806



26.0642, 30.8175, 74.3867



38.3339, 30.8175, 16.2014

Square

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



26.0642, 30.8175, 74.3867



41.3243, 30.8175, 44.1038



32.7739, 30.8175, 11.3178



19.8550, 30.8175, 24.8386

Rectangle

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



26.0642, 30.8175, 74.3867



35.7415, 30.8175, 68.4784



32.7739, 30.8175, 11.3178



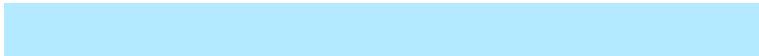
23.6676, 30.8175, 13.1380

Sweetspot

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



26.0653, 30.8185, 74.3875



65.8698, 75.4338, 105.6962



27.1914, 53.0973, 13.0230



13.4090, 15.5226, 22.5394



0.0000, 0.0000, 0.0000



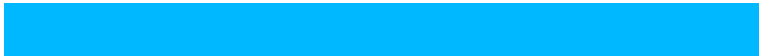
20.3446, 21.4041, 23.3091

Same Dimension

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



26.0653, 30.8185, 74.3875



35.2083, 41.5367, 100.7694



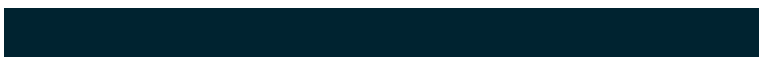
14.5516, 7.7911, 70.5496



13.7775, 14.8942, 17.5364



15.4234, 18.3163, 43.7709



1.1432, 1.4178, 3.0587

Inverse Universe

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



36.8655, 18.2627, 35.3011



49.9007, 24.7243, 47.5368



44.9914, 44.8069, 6.2790



14.1239, 13.8672, 16.4228



21.7252, 10.7571, 21.0165



1.5433, 0.7606, 1.6537

Previews

White Background



This preview shows how the XYZ color 26.0642, 30.8175, 74.3867 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 26.0642, 30.8175, 74.3867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

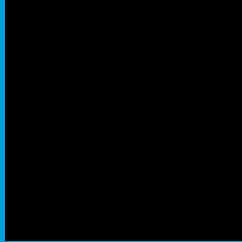
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.0642, 30.8175, 74.3867

Background



This preview shows how black text looks on a background with the XYZ color 26.0642, 30.8175, 74.3867.

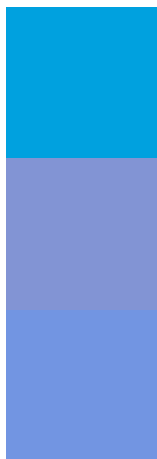


This preview shows how white text looks on a background with the XYZ color 26.0642, 30.8175,

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

26.0642, 30.8175, 74.3867

Protanopia

31.6795, 30.6791, 66.5393

Deuteranopia

31.4143, 30.5633, 76.1951



Tritanopia

21.9554, 30.8921, 47.4534

Trichromacy



Original Color

26.0642, 30.8175, 74.3867



Protanomaly

27.3532, 29.5793, 69.2335



Deuteranomaly

27.7295, 29.6352, 75.4928



Tritanomaly

23.3055, 30.8504, 56.3562

Monochromacy



Original Color

26.0642, 30.8175, 74.3867



Achromatopsia

17.8524, 18.7821, 20.4537



Achromatomaly

17.7303, 21.2988, 35.0749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0642, 30.8175, 74.3867 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, 161, 223)` looks like.

```
.text, #text, p{  
    color:rgb(0, 161, 223)  
}
```

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, 161, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 161, 223) }
```

Border

The CSS property to change the border of an element to XYZ 26.0642, 30.8175, 74.3867 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, 161, 223) }
```


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

```
.border{ border-color:rgb(0, 161, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 161, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 161, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 161, 223);  
box-shadow:4px 4px 4px 4px rgb(0, 161,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0642, 30.8175, 74.3867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 161, 223) }
```

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

```
.background{ background-color: rgb(0, 161,  
223) }
```

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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