

Converting Colors

XYZ(12.9975, 26.1569, 70.5899)

Have a look what the booklet for
XYZ(12.9975, 26.1569, 70.5899)
contains.

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Color

**XYZ(26.6575, 33.0672,
71.3073)**

Conversions

Conversions Part 1

Format	Color
Hex	00A8DA
RGB	0, 168, 218
RGB Percent	0%, 66%, 85%
CMY	0.9998, 0.3412, 0.1451
CMYK	1.00, 0.23, 0.00, 0.15
HSL	194°, 100%, 43%
HSV	194°, 100%, 85%
XYZ	26.6575, 33.0672, 71.3073
YIQ	123.4680, -116.1780, -20.0660

Conversions

Conversions Part 2

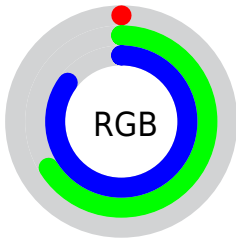
Format	Color
R _{YB}	0, 95, 218
Decimal	43226
CIE Lab	64.22, -18.47, -35.38
CIE LCh	64, 39.909, 242.437
Yxy	33.0672, 0.2034, 0.2524
Android (android.graphics.Color)	4278233306 (0xFF00A8DA)
YUV	123.4680, 46.6043, -108.2814
Hunter-Lab	57.5041, -17.8839, -33.2690

Details

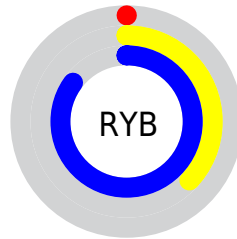
The XYZ color **26.6575, 33.0672, 71.3073** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **30.0568, 17.1913, 1.7356**, and the grayscale version is **18.8650, 19.8475, 21.6139**.

A 20% lighter version of the original color is **50.1466, 62.9384, 104.1131**, and **12.8563, 15.1351, 36.8941** is the 20% darker color. If you saturate the color by 10%, you get **26.6558, 33.0636, 71.3074**, and if you desaturate by 10%, it is **27.9268, 35.1192, 71.6372**.

Distribution



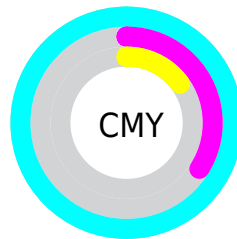
- Red (0%)
- Green (66%)
- Blue (85%)



- Red (0%)
- Yellow (37%)
- Blue (85%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (34%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6575, 33.0672, 71.3073 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 26.6575, 33.0672, 71.3073 by changing the saturation by 10% instead.

■ 26.6575, 33.0672,
71.3073

■ 26.6575, 33.0672,
71.3073

278.1928,
315.9524, 484.0395

■ 17.4514, 22.1779,
52.1096

■ 53.7576, 64.4804,
122.7697

■ 10.6542, 13.9877,
36.7096

■ 72.3822, 85.7732,
155.8716

■ 5.9004, 8.1121,
24.6887

■ 94.8771, 111.3025,
194.4452

■ 2.8247, 4.1668,
15.6284

■ 121.6077,
141.4529, 238.9092

■ 1.0617, 1.7673,
9.1101

■ 152.9391,
176.6087, 289.6821

■ 0.0000, 0.4667,
4.7153

189.2369,

■ 0.0000, 0.0000,

217.1543, 347.1824

2.0254

230.8664,
263.4741, 411.8287

■ 0.0000, 0.0000,
0.5708

■ 0.0000, 0.0000,
0.0000

■ 26.6575, 33.0672,
71.3073

■ 26.6575, 33.0672,
71.3073

■ 26.6558, 33.0636,
71.3074

■ 27.9268, 35.1192,
71.6372

■ 29.6001, 37.4322,
71.9954

■ 31.7996, 40.0705,
72.3887

■ 34.5937, 43.0696,
72.8203

■ 38.0398, 46.4598,
73.2931

■ 42.1883, 50.2676,
73.8094

■ 47.0846, 54.5170,
74.3716

■ 52.7701, 59.2297,
74.9816

■ 59.2830, 64.4262,
75.6413

Harmonies

Analogous

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



23.1097, 33.0672, 55.4437



26.6575, 33.0672, 71.3073



31.8943, 33.0672, 76.9866

Triad

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



26.6575, 33.0672, 71.3073



43.6051, 33.0672, 34.6957



25.9459, 33.0672, 15.5849

Complementary

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



26.6575, 33.0672, 71.3073



30.0568, 17.1913, 1.7356

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.



30.9690, 33.0672, 12.9789



26.6575, 33.0672, 71.3073



41.5387, 33.0672, 21.7406

Square

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



26.6575, 33.0672, 71.3073



42.0984, 33.0672, 52.4391



36.7392, 33.0672, 14.8389



22.7348, 33.0672, 23.4218

Rectangle

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



26.6575, 33.0672, 71.3073



35.7688, 33.0672, 73.1818



36.7392, 33.0672, 14.8389



27.4559, 33.0672, 14.1958

Sweetspot

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



26.6587, 33.0683, 71.3081



66.9398, 77.5737, 106.0529



25.5910, 50.3511, 11.0884



13.6663, 16.0370, 22.6251



0.0000, 0.0000, 0.0000



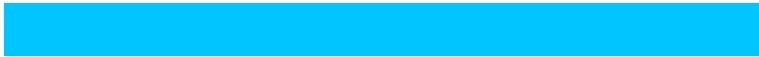
20.3446, 21.4041, 23.3091

Same Dimension

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



26.6587, 33.0683, 71.3081



37.9032, 46.9263, 101.6677



14.3677, 8.4863, 67.2111



13.1784, 14.2966, 16.7171



16.0544, 19.9782, 42.7484



1.1032, 1.4204, 2.7905

Inverse Universe

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



35.9824, 17.7339, 38.5733



51.2610, 25.2684, 54.6997



40.8443, 38.7662, 5.3314



13.4799, 13.2211, 15.7885



21.5988, 10.6406, 23.3313



1.4311, 0.7021, 1.6792

Previews

White Background



This preview shows how the XYZ color 26.6575, 33.0672, 71.3073 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 26.6575, 33.0672, 71.3073 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 26.6575, 33.0672, 71.3073

Background



This preview shows how black text looks on a background with the XYZ color 26.6575, 33.0672, 71.3073.

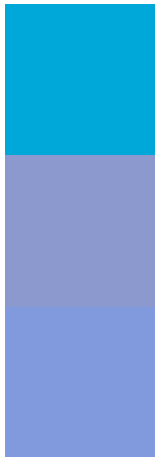


This preview shows how white text looks on a background with the XYZ color 26.6575, 33.0672,

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

26.6575, 33.0672, 71.3073

Protanopia

33.3470, 32.8141, 62.9687

Deuteranopia

33.4956, 32.6701, 72.9472



Tritanopia

23.5095, 33.0078, 51.0310

Trichromacy



Original Color

26.6575, 33.0672, 71.3073



Protanomaly

27.9795, 31.2307, 65.5262



Deuteranomaly

28.6248, 31.4149, 72.2651



Tritanomaly

24.6410, 33.1570, 57.9246

Monochromacy



Original Color

26.6575, 33.0672, 71.3073



Achromatopsia

18.8265, 19.8069, 21.5697



Achromatomaly

18.5461, 22.5536, 35.7235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6575, 33.0672, 71.3073 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, 168, 218)` looks like.

```
.text, #text, p{  
    color:rgb(0, 168, 218)  
}
```

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, 168, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 168, 218) }
```

Border

The CSS property to change the border of an element to XYZ 26.6575, 33.0672, 71.3073 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, 168, 218) }
```


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

```
.border{ border-color:rgb(0, 168, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 168, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 168, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 168, 218);  
box-shadow:4px 4px 4px 4px rgb(0, 168,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6575, 33.0672, 71.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 168, 218) }
```

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

```
.background{ background-color: rgb(0, 168,  
218) }
```

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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