

Converting Colors

XYZ(17.7249, 28.2305, 72.9080)

Have a look what the booklet for
XYZ(17.7249, 28.2305, 72.9080)
contains.

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Color

**XYZ(26.8699, 32.8579,
73.3326)**

Conversions

Conversions Part 1

Format	Color
Hex	00A7DD
RGB	0, 167, 221
RGB Percent	0%, 65%, 87%
CMY	0.9998, 0.3451, 0.1333
CMYK	1.00, 0.24, 0.00, 0.13
HSL	195°, 100%, 43%
HSV	195°, 100%, 87%
XYZ	26.8699, 32.8579, 73.3326
YIQ	123.2230, -116.8660, -18.6100

Conversions

Conversions Part 2

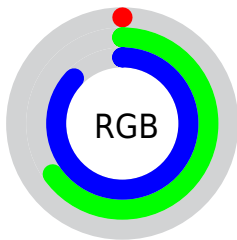
Format	Color
RYB	0, 95, 221
Decimal	42973
CIELab	64.05, -16.87, -37.30
CIELCh	64, 40.938, 245.665
Yxy	32.8579, 0.2019, 0.2469
Android (android.graphics.Color)	4278233053 (0xFF00A7DD)
YUV	123.2230, 48.2041, -108.0666
Hunter-Lab	57.3218, -16.6404, -35.7253

Details

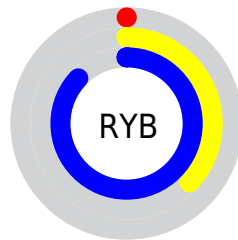
The XYZ color **26.8699, 32.8579, 73.3326** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **31.1413, 18.0162, 1.8378**, and the grayscale version is **18.7800, 19.7581, 21.5165**.

A 20% lighter version of the original color is **49.9970, 62.4658, 104.0297**, and **13.0137, 15.0146, 38.2886** is the 20% darker color. If you saturate the color by 10%, you get **26.8677, 32.8533, 73.3325**, and if you desaturate by 10%, it is **28.2151, 35.0517, 73.6858**.

Distribution



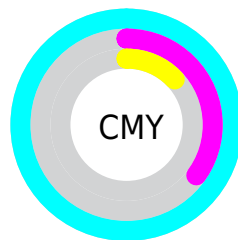
- Red (0%)
- Green (65%)
- Blue (87%)



- Red (0%)
- Yellow (37%)
- Blue (87%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (35%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8699, 32.8579, 73.3326 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 26.8699, 32.8579, 73.3326 by changing the saturation by 10% instead.

■ 26.8699, 32.8579,
73.3326

■ 26.8699, 32.8579,
73.3326

279.2057,
315.0089, 491.2684

■ 17.6116, 22.0176,
53.7545

■ 54.0964, 64.1536,
125.6746

■ 10.7695, 13.8698,
38.0136

■ 72.7953, 85.3778,
159.2755

■ 5.9782, 8.0302,
25.6913

■ 95.3718, 110.8321,
198.3878

■ 2.8724, 4.1143,
16.3692

■ 122.1913,
140.9009, 243.4299

■ 1.0866, 1.7377,
9.6286

■ 153.6190,
175.9686, 294.8206

■ 0.0139, 0.4479,
5.0510

190.0205,

■ 0.0000, 0.0000,

216.4196, 352.9781

2.2180

231.7609,
262.6382, 418.3212

■ 0.0000, 0.0000,
0.6847

■ 0.0000, 0.0000,
0.0000

■ 26.8699, 32.8579,
73.3326

■ 26.8699, 32.8579,
73.3326

■ 26.8677, 32.8533,
73.3325

■ 28.2151, 35.0517,
73.6858

■ 29.9827, 37.5248,
74.0700

■ 32.2983, 40.3433,
74.4920

■ 35.2327, 43.5442,
74.9552

■ 38.8453, 47.1589,
75.4625

■ 43.1884, 51.2152,
76.0165

■ 48.3090, 55.7378,
76.6196

■ 54.2500, 60.7495,
77.2738

■ 61.0510, 66.2714,
77.9812

Harmonies

Analogous

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



23.0414, 32.8579, 57.7352



26.8699, 32.8579, 73.3326



32.3408, 32.8579, 77.7312

Triad

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



26.8699, 32.8579, 73.3326



43.6506, 32.8579, 32.7249



25.1869, 32.8579, 15.6434

Complementary

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



26.8699, 32.8579, 73.3326



31.1413, 18.0162, 1.8378

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.



30.1458, 32.8579, 12.5264



26.8699, 32.8579, 73.3326



41.1608, 32.8579, 20.2392

Square

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



26.8699, 32.8579, 73.3326



42.4941, 32.8579, 50.5649



36.0389, 32.8579, 13.9018



22.1569, 32.8579, 24.1957

Rectangle

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



26.8699, 32.8579, 73.3326



36.2969, 32.8579, 72.8296



36.0389, 32.8579, 13.9018



26.6588, 32.8579, 14.0688

Sweetspot

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



26.8711, 32.8590, 73.3334



66.6078, 76.9098, 105.9422



26.4686, 51.9582, 11.8371



13.5864, 15.8772, 22.5985



0.0000, 0.0000, 0.0000



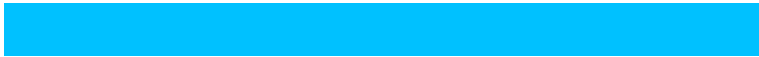
20.3446, 21.4041, 23.3091

Same Dimension

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



26.8711, 32.8590, 73.3334



37.0486, 45.2172, 101.3829



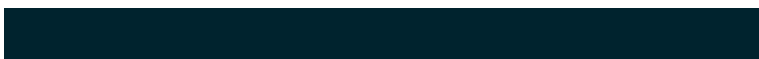
14.6148, 8.3465, 69.2480



13.1613, 14.2623, 16.7114



15.7006, 19.2707, 42.6305



1.0829, 1.3799, 2.7837

Inverse Universe

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



36.7949, 18.1637, 38.1268



50.8296, 25.0959, 52.4283



42.7544, 41.2424, 5.7089



13.4713, 13.2176, 15.7429



21.4203, 10.5692, 22.3910



1.4209, 0.6980, 1.6253

Previews

White Background



This preview shows how the XYZ color 26.8699, 32.8579, 73.3326 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 26.8699, 32.8579, 73.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

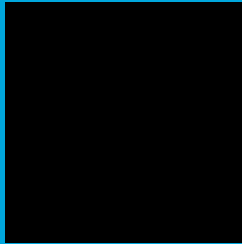
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.8699, 32.8579, 73.3326

Background



This preview shows how black text looks on a background with the XYZ color 26.8699, 32.8579, 73.3326.

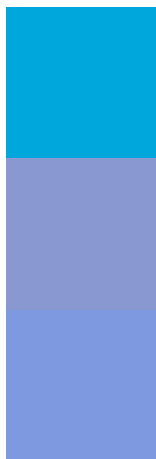


This preview shows how white text looks on a background with the XYZ color 26.8699, 32.8579,

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

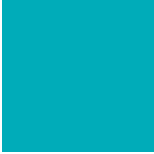
26.8699, 32.8579, 73.3326

Protanopia

33.2181, 32.4632, 64.8368

Deuteranopia

33.4500, 32.5999, 75.0504



Tritanopia

23.5095, 33.0078, 51.0310

Trichromacy



Original Color

26.8699, 32.8579, 73.3326



Protanomaly

28.0917, 30.9927, 67.4524



Deuteranomaly

28.8544, 31.4869, 74.3688



Tritanomaly

24.5678, 32.8267, 58.4674

Monochromacy



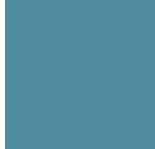
Original Color

26.8699, 32.8579, 73.3326



Achromatopsia

18.8265, 19.8069, 21.5697



Achromatomaly

18.6325, 22.5881, 36.1788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8699, 32.8579, 73.3326 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, 167, 221)` looks like.

```
.text, #text, p{  
    color:rgb(0, 167, 221)  
}
```

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, 167, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 167, 221) }
```

Border

The CSS property to change the border of an element to XYZ 26.8699, 32.8579, 73.3326 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, 167, 221) }
```


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

```
.border{ border-color:rgb(0, 167, 221) }
```

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

Here you see how a box with a 4 pixel rgb(0, 167, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 167, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 167, 221);  
box-shadow:4px 4px 4px 4px rgb(0, 167,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8699, 32.8579, 73.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 167, 221) }
```

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

```
.background{ background-color: rgb(0, 167,  
221) }
```

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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