

Converting Colors

XYZ(26.4937, 32.4662, 72.0953)

Have a look what the booklet for
XYZ(26.4937, 32.4662, 72.0953)
contains.

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Color

**XYZ(26.4224, 32.3869,
71.8765)**

Conversions

Conversions Part 1

Format	Color
Hex	00A6DB
RGB	0, 166, 219
RGB Percent	0%, 65%, 86%
CMY	0.9998, 0.3490, 0.1412
CMYK	1.00, 0.24, 0.00, 0.14
HSL	195°, 100%, 43%
HSV	195°, 100%, 86%
XYZ	26.4224, 32.3869, 71.8765
YIQ	122.4080, -115.9490, -18.7090

Conversions

Conversions Part 2

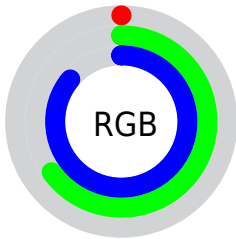
Format	Color
RYB	0, 94, 219
Decimal	42715
CIELab	63.66, -17.04, -36.80
CIELCh	64, 40.552, 245.145
Yxy	32.3869, 0.2022, 0.2478
Android (android.graphics.Color)	4278232795 (0xFF00A6DB)
YUV	122.4080, 47.6199, -107.3518
Hunter-Lab	56.9095, -16.7162, -35.0464

Details

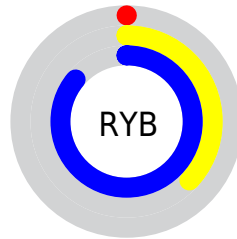
The XYZ color **26.4224, 32.3869, 71.8765** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **30.4896, 17.6115, 1.7939**, and the grayscale version is **18.5140, 19.4782, 21.2117**.

A 20% lighter version of the original color is **49.6154, 61.8760, 103.9360**, and **12.7182, 14.7150, 37.2919** is the 20% darker color. If you saturate the color by 10%, you get **26.4205, 32.3828, 71.8765**, and if you desaturate by 10%, it is **27.7364, 34.5251, 72.2206**.

Distribution



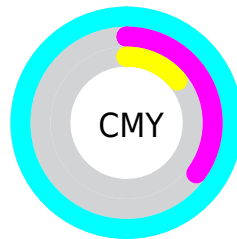
- Red (0%)
- Green (65%)
- Blue (86%)



- Red (0%)
- Yellow (37%)
- Blue (86%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (35%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4224, 32.3869, 71.8765 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 26.4224, 32.3869, 71.8765 by changing the saturation by 10% instead.

■ 26.4224, 32.3869,
71.8765

■ 26.4224, 32.3869,
71.8765

277.0683,
312.8779, 486.0776

■ 17.2742, 21.6572,
52.5716

■ 53.3821, 63.4171,
123.5870

■ 10.5267, 13.6052,
37.0755

■ 71.9243, 84.4864,
156.8297

■ 5.8145, 7.8466,
24.9697

■ 94.3285, 109.7711,
195.5554

■ 2.7722, 3.9970,
15.8357

■ 120.9602,
139.6554, 240.1826

■ 1.0345, 1.6719,
9.2548

■ 152.1847,
174.5239, 291.1299

■ 0.0000, 0.4053,
4.8087

188.3673,

■ 0.0000, 0.0000,

214.7609, 348.8158

2.0787

229.8734,
260.7508, 413.6588

■ 0.0000, 0.0000,
0.6030

■ 0.0000, 0.0000,
0.0000

■ 26.4224, 32.3869,
71.8765

■ 26.4224, 32.3869,
71.8765

■ 26.4205, 32.3828,
71.8765

■ 27.7364, 34.5251,
72.2206

■ 29.4629, 36.9350,
72.5948

■ 31.7252, 39.6815,
73.0057

■ 34.5925, 42.8009,
73.4567

■ 38.1229, 46.3238,
73.9506

■ 42.3676, 50.2773,
74.4900

■ 47.3724, 54.6856,
75.0771

■ 53.1793, 59.5709,
75.7140

■ 59.8270, 64.9538,
76.4026

Harmonies

Analogous

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



22.6982, 32.3869, 56.4733



26.4224, 32.3869, 71.8765



31.7712, 32.3869, 76.4175

Triad

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



26.4224, 32.3869, 71.8765



42.9729, 32.3869, 32.5362



24.9217, 32.3869, 15.3931

Complementary

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



26.4224, 32.3869, 71.8765



30.4896, 17.6115, 1.7939

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.



29.8150, 32.3869, 12.4060



26.4224, 32.3869, 71.8765



40.5898, 32.3869, 20.1663

Square

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



26.4224, 32.3869, 71.8765



41.7773, 32.3869, 50.0892



35.5983, 32.3869, 13.8368



21.9092, 32.3869, 23.6970

Rectangle

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



26.4224, 32.3869, 71.8765



35.6535, 32.3869, 71.7691



35.5983, 32.3869, 13.8368



26.3772, 32.3869, 13.8727

Sweetspot

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



26.4236, 32.3880, 71.8773



66.6595, 77.0131, 105.9594



25.9331, 50.9042, 11.6071



13.5988, 15.9020, 22.6026



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.



26.4236, 32.3880, 71.8773



37.1805, 45.4810, 101.4268



14.3223, 8.1856, 67.8436



13.1639, 14.2676, 16.7122



15.7552, 19.3799, 42.6487



1.0860, 1.3862, 2.7848

Inverse Universe

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



36.0974, 17.8146, 37.6133



50.8962, 25.1225, 52.7788



41.8917, 40.4158, 5.5947



13.4726, 13.2181, 15.7500



21.4479, 10.5802, 22.5362



1.4225, 0.6986, 1.6336

Previews

White Background



This preview shows how the XYZ color 26.4224, 32.3869, 71.8765 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 26.4224, 32.3869, 71.8765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

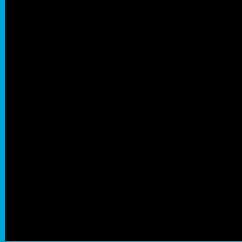
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.4224, 32.3869, 71.8765

Background



This preview shows how black text looks on a background with the XYZ color 26.4224, 32.3869, 71.8765.

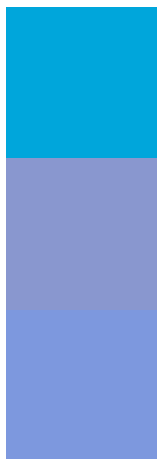


This preview shows how white text looks on a background with the XYZ color 26.4224, 32.3869,

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

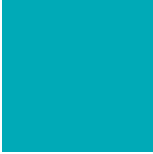
26.4224, 32.3869, 71.8765

Protanopia

32.6456, 31.9566, 63.4791

Deuteranopia

32.8705, 32.0904, 73.5688



Tritanopia

22.9220, 32.1683, 49.8007

Trichromacy



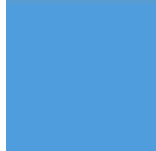
Original Color

26.4224, 32.3869, 71.8765



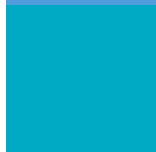
Protanomaly

27.5768, 30.5063, 66.0629



Deuteranomaly

28.4164, 31.0399, 72.9002



Tritanomaly

24.1518, 32.3615, 57.1980

Monochromacy



Original Color

26.4224, 32.3869, 71.8765



Achromatopsia

18.4984, 19.4618, 21.1939



Achromatomaly

18.3162, 22.2310, 35.2239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4224, 32.3869, 71.8765 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, 166, 219)` looks like.

```
.text, #text, p{  
    color:rgb(0, 166, 219)  
}
```

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, 166, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 166, 219) }
```

Border

The CSS property to change the border of an element to XYZ 26.4224, 32.3869, 71.8765 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, 166, 219) }
```


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

```
.border{ border-color:rgb(0, 166, 219) }
```

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

Here you see how a box with a 4 pixel rgb(0, 166, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 166, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 166, 219);  
box-shadow:4px 4px 4px 4px rgb(0, 166,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4224, 32.3869, 71.8765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 166, 219) }
```

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

```
.background{ background-color: rgb(0, 166,  
219) }
```

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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