

Converting Colors

XYZ(26.9576, 34.0837, 70.1237)

Have a look what the booklet for
XYZ(26.9576, 34.0837, 70.1237)
contains.

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Color

**XYZ(26.9576, 34.0837,
70.1237)**

Conversions

Conversions Part 1

Format	Color
Hex	00ABD8
RGB	0, 171, 216
RGB Percent	0%, 67%, 85%
CMY	0.9998, 0.3294, 0.1529
CMYK	1.00, 0.21, 0.00, 0.15
HSL	193°, 100%, 42%
HSV	193°, 100%, 85%
XYZ	26.9576, 34.0837, 70.1237
YIQ	125.0010, -116.3610, -22.2570

Conversions

Conversions Part 2

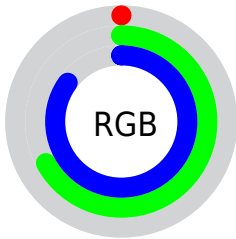
Format	Color
R _{YB}	0, 95, 216
Decimal	43992
CIE Lab	65.03, -20.75, -33.01
CIE LCh	65, 38.991, 237.846
Yxy	34.0837, 0.2055, 0.2599
Android (android.graphics.Color)	4278234072 (0xFF00ABD8)
YUV	125.0010, 44.8625, -109.6259
Hunter-Lab	58.3812, -19.7446, -30.3484

Details

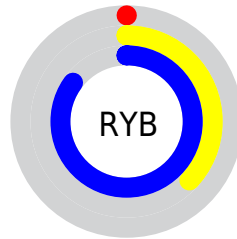
The XYZ color **26.9576, 34.0837, 70.1237** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **29.2599, 16.4801, 1.6404**, and the grayscale version is **19.3811, 20.3904, 22.2052**.

A 20% lighter version of the original color is **50.9553, 64.5558, 104.3826**, and **13.0298, 15.7669, 36.0748** is the 20% darker color. If you saturate the color by 10%, you get **26.9559, 34.0802, 70.1238**, and if you desaturate by 10%, it is **28.1462, 35.9808, 70.4279**.

Distribution



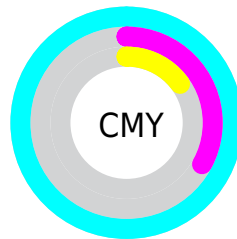
- Red (0%)
- Green (67%)
- Blue (85%)



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



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (33%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9576, 34.0837, 70.1237 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 26.9576, 34.0837, 70.1237 by changing the saturation by 10% instead.

■ 26.9576, 34.0837,
70.1237

■ 26.9576, 34.0837,
70.1237

279.6231,
320.5051, 479.7851

■ 17.6778, 22.9579,
51.1500

■ 54.2362, 66.0638,
121.0679

■ 10.8172, 14.5624,
35.9504

■ 72.9657, 87.6869,
153.8755

■ 6.0104, 8.5129,
24.1065

■ 95.5758, 113.5779,
192.1314

■ 2.8921, 4.4248,
15.1997

■ 122.4319,
144.1212, 236.2542

■ 1.0970, 1.9139,
8.8115

■ 153.8993,
179.7012, 286.6624

■ 0.0226, 0.5567,
4.5233

190.3434,

■ 0.0000, 0.0000,

220.7022, 343.7746

1.9166

232.1295,
267.5087, 408.0093

■ 0.0000, 0.0000,
0.5033

■ 0.0000, 0.0000,
0.0000

■ 26.9576, 34.0837,
70.1237

■ 26.9576, 34.0837,
70.1237

■ 26.9559, 34.0802,
70.1238

■ 28.1462, 35.9808,
70.4279

■ 29.7239, 38.1212,
70.7579

■ 31.8108, 40.5680,
71.1202

■ 34.4735, 43.3559,
71.5180

■ 37.7681, 46.5141,
71.9539

■ 41.7439, 50.0685,
72.4304

■ 46.4450, 54.0421,
72.9497

■ 51.9117, 58.4563,
73.5135

■ 58.1815, 63.3306,
74.1239

Harmonies

Analogous

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



23.7180, 34.0837, 53.5996



26.9576, 34.0837, 70.1237



31.9894, 34.0837, 77.6272

Triad

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



26.9576, 34.0837, 70.1237



44.4921, 34.0837, 38.2916



27.5874, 34.0837, 15.8590

Complementary

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



26.9576, 34.0837, 70.1237



29.2599, 16.4801, 1.6404

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.



32.8051, 34.0837, 13.9155



26.9576, 34.0837, 70.1237



42.9671, 34.0837, 24.4073

Square

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



26.9576, 34.0837, 70.1237



42.4766, 34.0837, 56.2262



38.5196, 34.0837, 16.5309



24.0508, 34.0837, 22.9091

Rectangle

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



26.9576, 34.0837, 70.1237



35.8356, 34.0837, 75.2427



38.5196, 34.0837, 16.5309



29.1830, 34.0837, 14.6956

Sweetspot

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



26.9588, 34.0849, 70.1246



67.4088, 78.5118, 106.2092



24.9973, 49.2888, 10.5052



13.7793, 16.2630, 22.6628



0.0000, 0.0000, 0.0000



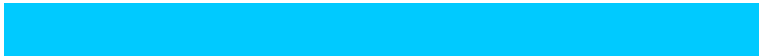
20.3446, 21.4041, 23.3091

Same Dimension

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



26.9588, 34.0849, 70.1246



39.1384, 49.3969, 102.0795



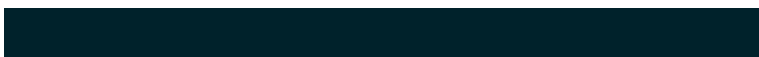
14.2765, 8.7203, 65.8971



12.5623, 13.6480, 15.9097



16.0350, 20.3319, 41.5325



1.0236, 1.3392, 2.5239

Inverse Universe

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



35.6707, 17.5406, 40.0347



51.8845, 25.5178, 57.9830



39.4211, 36.8023, 5.0274



12.8370, 12.5863, 15.0819



21.1526, 10.3974, 23.9055



1.3043, 0.6385, 1.5919

Previews

White Background



This preview shows how the XYZ color 26.9576, 34.0837, 70.1237 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 26.9576, 34.0837, 70.1237 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

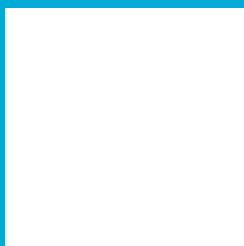
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9576, 34.0837, 70.1237

Background



This preview shows how black text looks on a background with the XYZ color 26.9576, 34.0837, 70.1237.

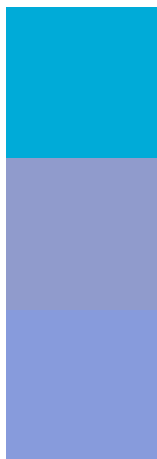


This preview shows how white text looks on a background with the XYZ color 26.9576, 34.0837,

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

26.9576, 34.0837, 70.1237

Protanopia

34.1220, 33.7316, 61.8392

Deuteranopia

34.6313, 33.7609, 72.4014



Tritanopia

24.2132, 33.9029, 52.8447

Trichromacy



Original Color

26.9576, 34.0837, 70.1237



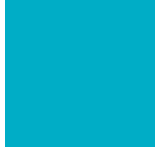
Protanomaly

28.5437, 32.3191, 64.4083



Deuteranomaly

29.3688, 32.5826, 71.7590



Tritanomaly

25.1366, 33.9644, 58.6570

Monochromacy



Original Color

26.9576, 34.0837, 70.1237



Achromatopsia

19.4927, 20.5079, 22.3331



Achromatomaly

19.1528, 23.5201, 35.8781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9576, 34.0837, 70.1237 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, 171, 216)` looks like.

```
.text, #text, p{  
    color:rgb(0, 171, 216)  
}
```

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, 171, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 171, 216) }
```

Border

The CSS property to change the border of an element to XYZ 26.9576, 34.0837, 70.1237 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, 171, 216) }
```


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

```
.border{ border-color:rgb(0, 171, 216) }
```

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

Here you see how a box with a 4 pixel rgb(0, 171, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 171, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 171, 216);  
box-shadow:4px 4px 4px 4px rgb(0, 171,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9576, 34.0837, 70.1237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 171, 216) }
```

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

```
.background{ background-color: rgb(0, 171,  
216) }
```

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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