

Converting Colors

XYZ(26.6878, 31.6306, 75.9329)

Have a look what the booklet for
XYZ(26.6878, 31.6306, 75.9329)
contains.

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Color

**XYZ(26.6878, 31.6306,
75.9329)**

Conversions

Conversions Part 1

Format	Color
Hex	00A3E1
RGB	0, 163, 225
RGB Percent	0%, 64%, 88%
CMY	0.9998, 0.3608, 0.1176
CMYK	1.00, 0.28, 0.00, 0.12
HSL	197°, 100%, 44%
HSV	197°, 100%, 88%
XYZ	26.6878, 31.6306, 75.9329
YIQ	121.3310, -117.0500, -15.2740

Conversions

Conversions Part 2

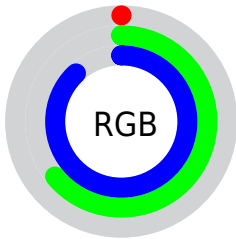
Format	Color
RYB	0, 95, 225
Decimal	41953
CIELab	63.04, -13.26, -41.09
CIELCh	63, 43.177, 252.112
Yxy	31.6306, 0.1988, 0.2356
Android (android.graphics.Color)	4278232033 (0xFF00A3E1)
YUV	121.3310, 51.1088, -106.4073
Hunter-Lab	56.2411, -13.7192, -40.6806

Details

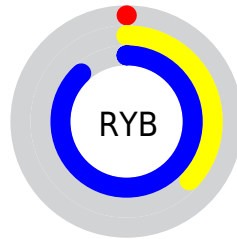
The XYZ color **26.6878, 31.6306, 75.9329** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **32.7777, 19.4594, 2.0301**, and the grayscale version is **18.1539, 19.0993, 20.7992**.

A 20% lighter version of the original color is **48.9471, 60.3661, 103.6798**, and **12.8459, 14.2335, 39.6064** is the 20% darker color. If you saturate the color by 10%, you get **26.6854, 31.6255, 75.9327**, and if you desaturate by 10%, it is **28.1599, 34.0649, 76.3258**.

Distribution



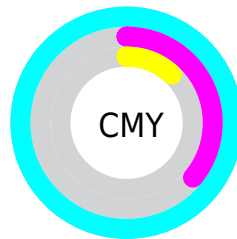
- Red (0%)
- Green (64%)
- Blue (88%)



- Red (0%)
- Yellow (37%)
- Blue (88%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (36%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6878, 31.6306, 75.9329 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 26.6878, 31.6306, 75.9329 by changing the saturation by 10% instead.

■ 26.6878, 31.6306,
75.9329

■ 26.6878, 31.6306,
75.9329

278.3375,
309.4331, 500.4587

■ 17.4743, 21.0795,
55.8712

■ 53.8059, 62.2315,
129.3913

■ 10.6706, 13.1821,
39.6963

■ 72.4412, 83.0502,
163.6250

■ 5.9114, 7.5541,
26.9899

■ 94.9478, 108.0601,
203.4198

■ 2.8315, 3.8110,
17.3332

■ 121.6910,
137.6457, 249.1942

■ 1.0653, 1.5684,
10.3079

■ 153.0362,
172.1914, 301.3667

■ 0.0000, 0.3361,
5.4953

189.3488,

■ 0.0000, 0.0000,

212.0816, 360.3560

2.4769

230.9941,
257.7007, 426.5804

■ 0.0000, 0.0000,
0.8279

■ 0.0000, 0.0000,
0.0000

■ 26.6878, 31.6306,
75.9329

■ 26.6878, 31.6306,
75.9329

■ 26.6854, 31.6255,
75.9327

■ 28.1599, 34.0649,
76.3258

■ 30.0844, 36.8133,
76.7549

■ 32.5914, 39.9443,
77.2271

■ 35.7551, 43.4973,
77.7462

■ 39.6381, 47.5056,
78.3152

■ 44.2951, 51.9984,
78.9369

■ 49.7755, 57.0023,
79.6139

■ 56.1243, 62.5413,
80.3485

■ 63.3830, 68.6379,
81.1426

Harmonies

Analogous

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



22.3565, 31.6306, 61.3879



26.6878, 31.6306, 75.9329



32.5267, 31.6306, 77.3884

Triad

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



26.6878, 31.6306, 75.9329



42.6824, 31.6306, 28.0179



23.0317, 31.6306, 15.4159

Complementary

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



26.6878, 31.6306, 75.9329



32.7777, 19.4594, 2.0301

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.



27.7287, 31.6306, 11.3241



26.6878, 31.6306, 75.9329



39.3659, 31.6306, 16.8215

Square

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



26.6878, 31.6306, 75.9329



42.3069, 31.6306, 45.5061



33.7134, 31.6306, 11.7358



20.4450, 31.6306, 25.3318

Rectangle

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



26.6878, 31.6306, 75.9329



36.5588, 31.6306, 70.2761



33.7134, 31.6306, 11.7358



24.3878, 31.6306, 13.4877

Sweetspot

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



26.6890, 31.6317, 75.9337



65.9236, 75.5414, 105.7141



27.7430, 54.1780, 13.2762



13.4219, 15.5484, 22.5437



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.



26.6890, 31.6317, 75.9337



35.3396, 41.7993, 100.8132



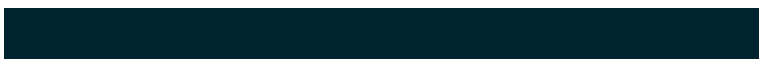
14.8439, 7.9416, 71.9854



13.7805, 14.9001, 17.5374



15.4797, 18.4289, 43.7896



1.1467, 1.4249, 3.0598

Inverse Universe

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



37.6633, 18.6534, 36.2665



49.9670, 24.7508, 47.8858



45.9026, 45.7091, 6.4051



14.1254, 13.8678, 16.4306



21.7536, 10.7685, 21.1662



1.5451, 0.7613, 1.6631

Previews

White Background



This preview shows how the XYZ color 26.6878, 31.6306, 75.9329 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 26.6878, 31.6306, 75.9329 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

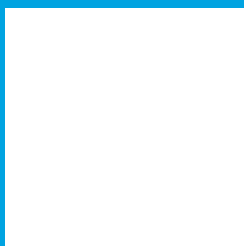
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6878, 31.6306, 75.9329

Background



This preview shows how black text looks on a background with the XYZ color 26.6878, 31.6306, 75.9329.

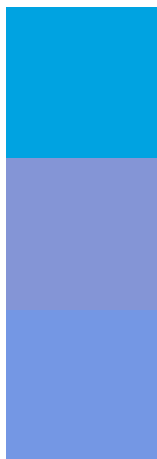


This preview shows how white text looks on a background with the XYZ color 26.6878, 31.6306,

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

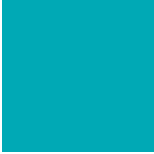
26.6878, 31.6306, 75.9329

Protanopia

32.4008, 31.2555, 67.9435

Deuteranopia

32.2727, 31.4477, 77.7678



Tritanopia

22.5285, 31.7121, 48.6497

Trichromacy



Original Color

26.6878, 31.6306, 75.9329



Protanomaly

27.8666, 30.0580, 70.6627



Deuteranomaly

28.4105, 30.4446, 77.0520



Tritanomaly

23.8968, 31.6687, 57.6765

Monochromacy



Original Color

26.6878, 31.6306, 75.9329



Achromatopsia

18.1737, 19.1202, 20.8219



Achromatomaly

18.1227, 21.6893, 36.0322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6878, 31.6306, 75.9329 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, 163, 225)` looks like.

```
.text, #text, p{  
    color:rgb(0, 163, 225)  
}
```

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, 163, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 163, 225) }
```

Border

The CSS property to change the border of an element to XYZ 26.6878, 31.6306, 75.9329 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, 163, 225) }
```


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

```
.border{ border-color:rgb(0, 163, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 163, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 163, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 163, 225);  
box-shadow:4px 4px 4px 4px rgb(0, 163,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6878, 31.6306, 75.9329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 163, 225) }
```

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

```
.background{ background-color: rgb(0, 163,  
225) }
```

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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