

Converting Colors

XYZ(7.4517, 22.0218, 70.6064)

Have a look what the booklet for
XYZ(7.4517, 22.0218, 70.6064)
contains.

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Color

**XYZ(26.0616, 31.6654,
71.7563)**

Conversions

Conversions Part 1

Format	Color
Hex	00A4DB
RGB	0, 164, 219
RGB Percent	0%, 64%, 86%
CMY	0.9998, 0.3569, 0.1412
CMYK	1.00, 0.25, 0.00, 0.14
HSL	195°, 100%, 43%
HSV	195°, 100%, 86%
XYZ	26.0616, 31.6654, 71.7563
YIQ	121.2340, -115.3990, -17.6630

Conversions

Conversions Part 2

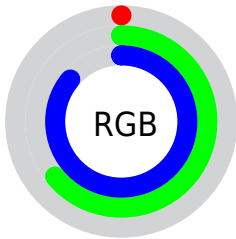
Format	Color
RYB	0, 94, 219
Decimal	42203
CIELab	63.07, -15.97, -37.73
CIELCh	63, 40.966, 247.059
Yxy	31.6654, 0.2013, 0.2446
Android (android.graphics.Color)	4278232283 (0xFF00A4DB)
YUV	121.2340, 48.1986, -106.3222
Hunter-Lab	56.2720, -15.8062, -36.2143

Details

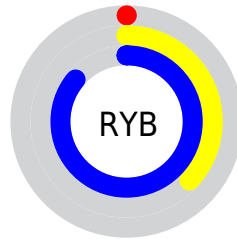
The XYZ color **26.0616, 31.6654, 71.7563** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **30.5824, 17.7972, 1.8247**, and the grayscale version is **18.1304, 19.0746, 20.7723**.

A 20% lighter version of the original color is **49.0904, 60.8261, 103.7610**, and **12.4950, 14.2687, 37.2175** is the 20% darker color. If you saturate the color by 10%, you get **26.0599, 31.6618, 71.7563**, and if you desaturate by 10%, it is **27.3978, 33.8480, 72.1078**.

Distribution



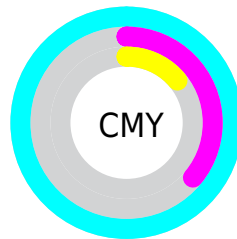
- Red (0%)
- Green (64%)
- Blue (86%)



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



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (36%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0616, 31.6654, 71.7563 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 26.0616, 31.6654, 71.7563 by changing the saturation by 10% instead.

■ 26.0616, 31.6654,
71.7563

■ 26.0616, 31.6654,
71.7563

275.3355,
309.5922, 485.6476

■ 17.0027, 21.1061,
52.4740

■ 52.8049, 62.2862,
123.4145

■ 10.3317, 13.2015,
36.9982

■ 71.2200, 83.1164,
156.6275

■ 5.6834, 7.5675,
24.9103

■ 93.4844, 108.1390,
195.3211

■ 2.6923, 3.8195,
15.7918

■ 119.9637,
137.7385, 239.9139

■ 0.9932, 1.5731,
9.2242

■ 151.0231,
172.2991, 290.8244

■ 0.0000, 0.3394,
4.7889

187.0279,

■ 0.0000, 0.0000,

212.2054, 348.4711

2.0674

228.3436,
257.8416, 413.2727

■ 0.0000, 0.0000,
0.5963

■ 0.0000, 0.0000,
0.0000

■ 26.0616, 31.6654,
71.7563

■ 26.0616, 31.6654,
71.7563

■ 26.0599, 31.6618,
71.7563

■ 27.3978, 33.8480,
72.1078

■ 29.1493, 36.3082,
72.4904

■ 31.4397, 39.1110,
72.9106

■ 34.3379, 42.2927,
73.3720

■ 37.9025, 45.8841,
73.8774

■ 42.1844, 49.9122,
74.4292

■ 47.2296, 54.4016,
75.0298

■ 53.0801, 59.3745,
75.6813

■ 59.7747, 64.8516,
76.3857

Harmonies

Analogous

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



22.2400, 31.6654, 56.8077



26.0616, 31.6654, 71.7563



31.4506, 31.6654, 75.4412

Triad

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



26.0616, 31.6654, 71.7563



42.2044, 31.6654, 30.7976



24.0186, 31.6654, 15.1461

Complementary

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



26.0616, 31.6654, 71.7563



30.5824, 17.7972, 1.8247

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.



28.7828, 31.6654, 11.9155



26.0616, 31.6654, 71.7563



39.6157, 31.6654, 18.9336

Square

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



26.0616, 31.6654, 71.7563



41.2394, 31.6654, 48.0688



34.5289, 31.6654, 13.0441



21.1675, 31.6654, 23.7261

Rectangle

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



26.0616, 31.6654, 71.7563



35.3093, 31.6654, 70.2285



34.5289, 31.6654, 13.0441



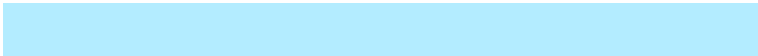
25.4247, 31.6654, 13.5442

Sweetspot

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



26.0627, 31.6665, 71.7571



66.4583, 76.6107, 105.8924



26.0169, 50.9377, 12.0484



13.5504, 15.8053, 22.5865



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.



26.0627, 31.6665, 71.7571



36.6691, 44.4581, 101.2564



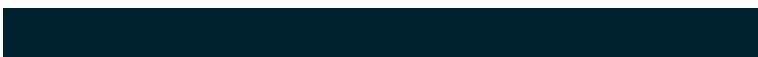
14.1430, 7.8270, 67.7839



13.1535, 14.2468, 16.7088



15.5434, 18.9563, 42.5781



1.0738, 1.3618, 2.7807

Inverse Universe

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



35.9153, 17.7417, 36.6544



50.6380, 25.0192, 51.4194



42.5365, 41.7054, 5.8094



13.4674, 13.2160, 15.7223



21.3409, 10.5374, 21.9731



1.4163, 0.6962, 1.6013

Previews

White Background



This preview shows how the XYZ color 26.0616, 31.6654, 71.7563 looks on a white background.

Color Contrast Check

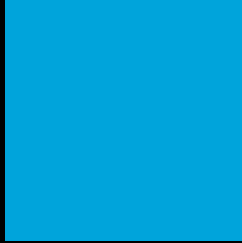
Large Text (above 18pt) WCAG AA × Fail

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 26.0616, 31.6654, 71.7563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

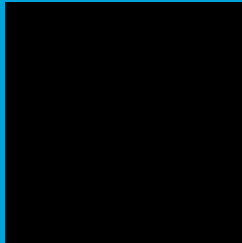
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.0616, 31.6654, 71.7563

Background



This preview shows how black text looks on a background with the XYZ color 26.0616, 31.6654, 71.7563.

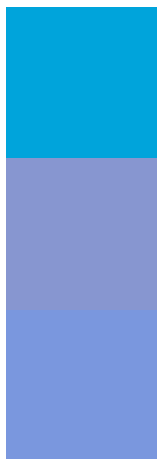


This preview shows how white text looks on a background with the XYZ color 26.0616, 31.6654,

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

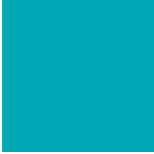
26.0616, 31.6654, 71.7563

Protanopia

32.2832, 31.5177, 64.0565

Deuteranopia

32.2775, 31.5447, 73.4948



Tritanopia

22.6315, 31.7533, 49.1922

Trichromacy



Original Color

26.0616, 31.6654, 71.7563



Protanomaly

27.4428, 30.1746, 66.6652



Deuteranomaly

28.0815, 30.6171, 72.8363



Tritanomaly

23.6690, 31.5776, 56.4773

Monochromacy



Original Color

26.0616, 31.6654, 71.7563



Achromatopsia

18.1737, 19.1202, 20.8219



Achromatomaly

18.0920, 21.9034, 35.1725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0616, 31.6654, 71.7563 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, 164, 219)` looks like.

```
.text, #text, p{  
    color:rgb(0, 164, 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, 164, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 164, 219) }
```

Border

The CSS property to change the border of an element to XYZ 26.0616, 31.6654, 71.7563 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, 164, 219) }
```


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

```
.border{ border-color:rgb(0, 164, 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, 164, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 164, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 164, 219);  
box-shadow:4px 4px 4px 4px rgb(0, 164,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0616, 31.6654, 71.7563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 164, 219) }
```

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

```
.background{ background-color: rgb(0, 164,  
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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