

Converting Colors

XYZ(26.6402, 32.2168, 73.8163)

Have a look what the booklet for
XYZ(26.6402, 32.2168, 73.8163)
contains.

XYZ(26.6399, 32.1842, 73.9153)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.6399, 32.1842,
73.9153)**

Conversions

Conversions Part 1

Format	Color
Hex	00A5DE
RGB	0, 165, 222
RGB Percent	0%, 65%, 87%
CMY	0.9998, 0.3529, 0.1294
CMYK	1.00, 0.26, 0.00, 0.13
HSL	195°, 100%, 44%
HSV	195°, 100%, 87%
XYZ	26.6399, 32.1842, 73.9153
YIQ	122.1630, -116.6370, -17.2530

Conversions

Conversions Part 2

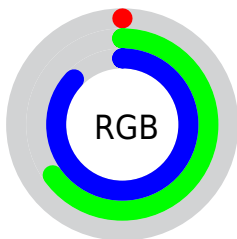
Format	Color
RYB	0, 95, 222
Decimal	42462
CIELab	63.49, -15.43, -38.71
CIELCh	63, 41.677, 248.264
Yxy	32.1842, 0.2007, 0.2425
Android (android.graphics.Color)	4278232542 (0xFF00A5DE)
YUV	122.1630, 49.2196, -107.1370
Hunter-Lab	56.7311, -15.4591, -37.5375

Details

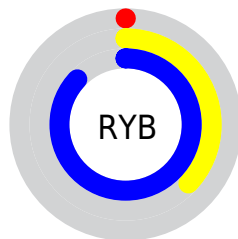
The XYZ color **26.6399, 32.1842, 73.9153** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **31.5903, 18.4610, 1.8998**, and the grayscale version is **18.4288, 19.3885, 21.1141**.

A 20% lighter version of the original color is **49.4689, 61.4097, 103.8537**, and **12.8802, 14.6003, 38.6985** is the 20% darker color. If you saturate the color by 10%, you get **26.6381, 32.1803, 73.9153**, and if you desaturate by 10%, it is **28.0283, 34.4612, 74.2823**.

Distribution



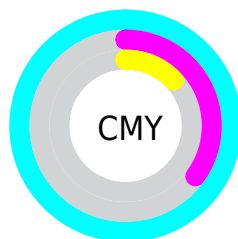
- Red (0%)
- Green (65%)
- Blue (87%)



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



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6399, 32.1842, 73.9153 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 26.6399, 32.1842, 73.9153 by changing the saturation by 10% instead.

■ 26.6399, 32.1842,
73.9153

■ 26.6399, 32.1842,
73.9153

278.1088,
311.9575, 493.3366

■ 17.4381, 21.5022,
54.2284

■ 53.7295, 63.0997,
126.5087

■ 10.6446, 13.4916,
38.3898

■ 72.3480, 84.1021,
160.2522

■ 5.8939, 7.7679,
25.9812

■ 94.8361, 109.3134,
199.5183

■ 2.8207, 3.9468,
16.5839

■ 121.5593,
139.1180, 244.7255

■ 1.0597, 1.6439,
9.7795

■ 152.8827,
173.9003, 296.2924

■ 0.0000, 0.3869,
5.1493

189.1719,

■ 0.0000, 0.0000,

214.0447, 354.6375

2.2749

230.7921,
259.9357, 420.1794

■ 0.0000, 0.0000,
0.7171

■ 0.0000, 0.0000,
0.0000

■ 26.6399, 32.1842,
73.9153

■ 26.6399, 32.1842,
73.9153

■ 26.6381, 32.1803,
73.9153

■ 28.0283, 34.4612,
74.2823

■ 29.8479, 37.0290,
74.6820

■ 32.2254, 39.9541,
75.1213

■ 35.2324, 43.2744,
75.6037

■ 38.9294, 47.0217,
76.1322

■ 43.3691, 51.2242,
76.7093

■ 48.5992, 55.9070,
77.3376

■ 54.6630, 61.0935,
78.0190

■ 61.6008, 66.8050,
78.7558

Harmonies

Analogous

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



22.6363, 32.1842, 58.8026



26.6399, 32.1842, 73.9153



32.2228, 32.1842, 77.1535

Triad

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



26.6399, 32.1842, 73.9153



43.0193, 32.1842, 30.6459



24.1851, 32.1842, 15.4591

Complementary

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



26.6399, 32.1842, 73.9153



31.5903, 18.4610, 1.8998

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.



29.0135, 32.1842, 11.9724



26.6399, 32.1842, 73.9153



40.2178, 32.1842, 18.7399

Square

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



26.6399, 32.1842, 73.9153



42.1743, 32.1842, 48.2646



34.9127, 32.1842, 12.9462



21.3489, 32.1842, 24.4878

Rectangle

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



26.6399, 32.1842, 73.9153



36.1862, 32.1842, 71.4134



34.9127, 32.1842, 12.9462



25.6030, 32.1842, 13.7546

Sweetspot

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



26.6411, 32.1853, 73.9161



66.3349, 76.3639, 105.8512



26.8247, 52.5244, 12.4069



13.5207, 15.7459, 22.5766



0.0000, 0.0000, 0.0000



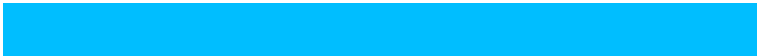
20.3446, 21.4041, 23.3091

Same Dimension

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



26.6411, 32.1853, 73.9161



36.3583, 43.8365, 101.1528



14.5775, 8.0581, 69.8949



13.8031, 14.9452, 17.5449



15.9162, 19.3020, 43.9351



1.1739, 1.4793, 3.0689

Inverse Universe

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



36.9167, 18.2475, 37.1746



50.4812, 24.9565, 50.5933



43.8545, 42.9893, 5.9878



14.1368, 13.8724, 16.4906



21.9740, 10.8566, 22.3265



1.5588, 0.7668, 1.7355

Previews

White Background



This preview shows how the XYZ color 26.6399, 32.1842, 73.9153 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 26.6399, 32.1842, 73.9153 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

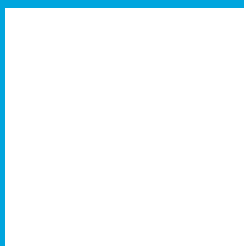
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6399, 32.1842, 73.9153

Background



This preview shows how black text looks on a background with the XYZ color 26.6399, 32.1842, 73.9153.

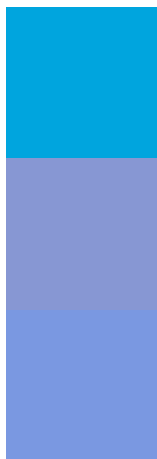


This preview shows how white text looks on a background with the XYZ color 26.6399, 32.1842,

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

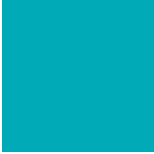
26.6399, 32.1842, 73.9153

Protanopia

32.8162, 31.9873, 66.0726

Deuteranopia

32.8449, 32.0303, 75.6855



Tritanopia

22.9220, 32.1683, 49.8007

Trichromacy



Original Color

26.6399, 32.1842, 73.9153



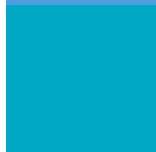
Protanomaly

27.9920, 30.6617, 68.7329



Deuteranomaly

28.6534, 31.1155, 75.0167



Tritanomaly

24.0807, 32.0365, 57.7378

Monochromacy



Original Color

26.6399, 32.1842, 73.9153



Achromatopsia

18.4984, 19.4618, 21.1939



Achromatomaly

18.4019, 22.2653, 35.6755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6399, 32.1842, 73.9153 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, 165, 222)` looks like.

```
.text, #text, p{  
    color:rgb(0, 165, 222)  
}
```

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, 165, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 165, 222) }
```

Border

The CSS property to change the border of an element to XYZ 26.6399, 32.1842, 73.9153 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, 165, 222) }
```


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

```
.border{ border-color:rgb(0, 165, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 165, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 165, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 165, 222); box-shadow:4px 4px 4px 4px rgb(0, 165, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6399, 32.1842, 73.9153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 165, 222) }
```

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

```
.background{ background-color: rgb(0, 165,  
222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor