

Converting Colors

XYZ(26.5225, 33.4200, 69.3418)

Have a look what the booklet for
XYZ(26.5225, 33.4200, 69.3418)
contains.

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Color

**XYZ(26.4537, 33.2822,
69.3198)**

Conversions

Conversions Part 1

Format	Color
Hex	00A9D7
RGB	0, 169, 215
RGB Percent	0%, 66%, 84%
CMY	0.9998, 0.3372, 0.1569
CMYK	1.00, 0.21, 0.00, 0.16
HSL	193°, 100%, 42%
HSV	193°, 100%, 84%
XYZ	26.4537, 33.2822, 69.3198
YIQ	123.7130, -115.4900, -21.5220

Conversions

Conversions Part 2

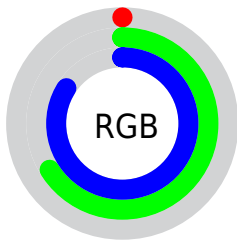
Format	Color
RYB	0, 95, 215
Decimal	43479
CIELab	64.39, -20.05, -33.45
CIELCh	64, 39.001, 239.061
Yxy	33.2822, 0.2050, 0.2579
Android (android.graphics.Color)	4278233559 (0xFF00A9D7)
YUV	123.7130, 45.0045, -108.4963
Hunter-Lab	57.6907, -19.1088, -30.8579

Details

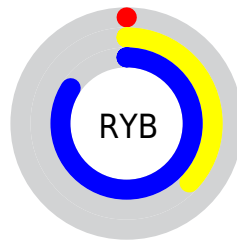
The XYZ color **26.4537, 33.2822, 69.3198** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **29.0039, 16.4054, 1.6394**, and the grayscale version is **18.9511, 19.9380, 21.7125**.

A 20% lighter version of the original color is **50.4146, 63.4744, 104.2024**, and **12.7065, 15.2606, 35.5336** is the 20% darker color. If you saturate the color by 10%, you get **26.4521, 33.2788, 69.3199**, and if you desaturate by 10%, it is **27.6464, 35.1908, 69.6260**.

Distribution



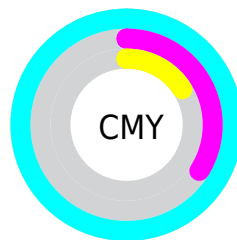
- Red (0%)
- Green (66%)
- Blue (84%)



- Red (0%)
- Yellow (37%)
- Blue (84%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (34%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4537, 33.2822, 69.3198 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 26.4537, 33.2822, 69.3198 by changing the saturation by 10% instead.

■ 26.4537, 33.2822,
69.3198

■ 26.4537, 33.2822,
69.3198

277.2182,
316.9194, 476.8825

■ 17.2978, 22.3427,
50.4988

■ 53.4321, 64.8159,
119.9102

■ 10.5437, 14.1089,
35.4360

■ 71.9853, 86.1788,
152.5168

■ 5.8259, 8.1965,
23.7127

■ 94.4017, 111.7851,
190.5556

■ 2.7792, 4.2209,
14.9104

■ 121.0465,
142.0190, 234.4452

■ 1.0381, 1.7979,
8.6106

■ 152.2853,
177.2650, 284.6041

■ 0.0000, 0.4859,
4.3947

188.4832,

■ 0.0000, 0.0000,

217.9075, 341.4510

1.8443

230.0058,
264.3308, 405.4043

■ 0.0000, 0.0000,
0.4569

■ 0.0000, 0.0000,
0.0000

■ 26.4537, 33.2822,
69.3198

■ 26.4537, 33.2822,
69.3198

■ 26.4521, 33.2788,
69.3199

■ 27.6464, 35.1908,
69.6260

■ 29.2254, 37.3431,
69.9582

■ 31.3097, 39.8016,
70.3229

■ 33.9651, 42.6005,
70.7232

■ 37.2472, 45.7690,
71.1618

■ 41.2047, 49.3325,
71.6410

■ 45.8811, 53.3139,
72.1631

■ 51.3166, 57.7344,
72.7298

■ 57.5479, 62.6133,
73.3431

Harmonies

Analogous

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



23.1853, 33.2822, 53.2219



26.4537, 33.2822, 69.3198



31.4590, 33.2822, 76.2390

Triad

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



26.4537, 33.2822, 69.3198



43.5610, 33.2822, 36.7422



26.7237, 33.2822, 15.5364

Complementary

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



26.4537, 33.2822, 69.3198



29.0039, 16.4054, 1.6394

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.



31.8091, 33.2822, 13.4500



26.4537, 33.2822, 69.3198



41.9193, 33.2822, 23.3176

Square

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



26.4537, 33.2822, 69.3198



41.7085, 33.2822, 54.3515



37.4493, 33.2822, 15.8231



23.3279, 33.2822, 22.6765

Rectangle

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



26.4537, 33.2822, 69.3198



35.2519, 33.2822, 73.5247



37.4493, 33.2822, 15.8231



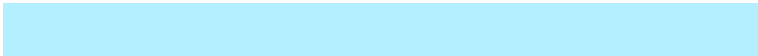
28.2720, 33.2822, 14.3328

Sweetspot

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



26.4549, 33.2833, 69.3206



67.2830, 78.2602, 106.1673



24.7382, 48.7764, 10.4006



13.7489, 16.2023, 22.6527



0.0000, 0.0000, 0.0000



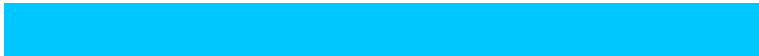
20.3446, 21.4041, 23.3091

Same Dimension

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



26.4549, 33.2833, 69.3206



38.8040, 48.7279, 101.9680



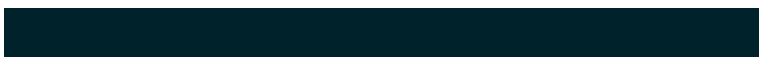
14.1304, 8.6344, 65.2125



12.5562, 13.6357, 15.9077



15.9013, 20.0645, 41.4879



1.0166, 1.3252, 2.5215

Inverse Universe

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



35.1868, 17.3130, 39.0243



51.7156, 25.4503, 57.0940



39.0139, 36.4253, 4.9760



12.8339, 12.5851, 15.0657



21.0851, 10.3704, 23.5501



1.3008, 0.6371, 1.5733

Previews

White Background



This preview shows how the XYZ color 26.4537, 33.2822, 69.3198 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 26.4537, 33.2822, 69.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

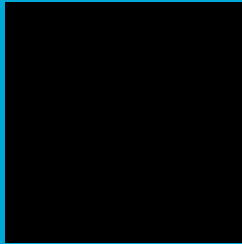
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.4537, 33.2822, 69.3198

Background



This preview shows how black text looks on a background with the XYZ color 26.4537, 33.2822, 69.3198.

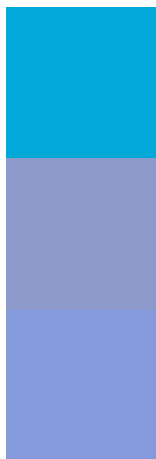


This preview shows how white text looks on a background with the XYZ color 26.4537, 33.2822,

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

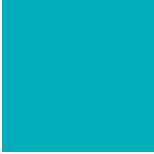
26.4537, 33.2822, 69.3198

Protanopia

33.3261, 32.8450, 61.0832

Deuteranopia

34.0146, 33.2122, 71.6357



Tritanopia

23.8065, 33.4323, 51.6527

Trichromacy



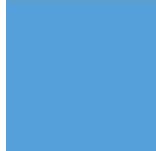
Original Color

26.4537, 33.2822, 69.3198



Protanomaly

27.8771, 31.4749, 63.6375



Deuteranomaly

28.7993, 31.7895, 70.9478



Tritanomaly

24.8306, 33.5363, 57.9878

Monochromacy



Original Color

26.4537, 33.2822, 69.3198



Achromatopsia

19.1579, 20.1556, 21.9495



Achromatomaly

18.6883, 22.8528, 35.3243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4537, 33.2822, 69.3198 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, 169, 215)` looks like.

```
.text, #text, p{  
    color:rgb(0, 169, 215)  
}
```

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, 169, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 169, 215) }
```

Border

The CSS property to change the border of an element to XYZ 26.4537, 33.2822, 69.3198 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, 169, 215) }
```


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

```
.border{ border-color:rgb(0, 169, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 169, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 169, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 169, 215);  
box-shadow:4px 4px 4px 4px rgb(0, 169,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4537, 33.2822, 69.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 169, 215) }
```

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

```
.background{ background-color: rgb(0, 169,  
215) }
```

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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