

Converting Colors

XYZ(26.5124, 33.5638, 68.8334)

Have a look what the booklet for
XYZ(26.5124, 33.5638, 68.8334)
contains.

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Color

**XYZ(26.5123, 33.6045,
68.7073)**

Conversions

Conversions Part 1

Format	Color
Hex	00AAD6
RGB	0, 170, 214
RGB Percent	0%, 67%, 84%
CMY	0.9998, 0.3333, 0.1608
CMYK	1.00, 0.21, 0.00, 0.16
HSL	192°, 100%, 42%
HSV	192°, 100%, 84%
XYZ	26.5123, 33.6045, 68.7073
YIQ	124.1860, -115.4440, -22.3560

Conversions

Conversions Part 2

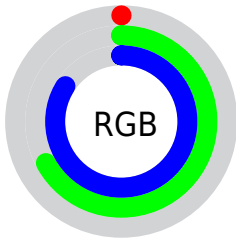
Format	Color
RYB	0, 95, 214
Decimal	43734
CIELab	64.65, -20.93, -32.50
CIELCh	65, 38.652, 237.222
Yxy	33.6045, 0.2058, 0.2609
Android (android.graphics.Color)	4278233814 (0xFF00AAD6)
YUV	124.1860, 44.2783, -108.9111
Hunter-Lab	57.9694, -19.8095, -29.6940

Details

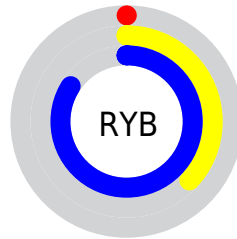
The XYZ color **26.5123, 33.6045, 68.7073** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **28.6346, 16.1013, 1.6000**, and the grayscale version is **19.1099, 20.1051, 21.8945**.

A 20% lighter version of the original color is **50.5687, 63.9540, 104.2868**, and **12.7364, 15.4601, 35.1137** is the 20% darker color. If you saturate the color by 10%, you get **26.5110, 33.6016, 68.7075**, and if you desaturate by 10%, it is **27.6706, 35.4475, 69.0027**.

Distribution



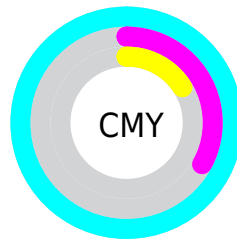
- Red (0%)
- Green (67%)
- Blue (84%)



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



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



- Cyan (100%)
- Magenta (33%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5123, 33.6045, 68.7073 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 26.5123, 33.6045, 68.7073 by changing the saturation by 10% instead.

■ 26.5123, 33.6045,
68.7073

■ 26.5123, 33.6045,
68.7073

277.4988,
318.3649, 474.6639

■ 17.3420, 22.5899,
50.0031

■ 53.5257, 65.3182,
119.0272

■ 10.5754, 14.2910,
35.0447

■ 72.0995, 86.7860,
151.4799

■ 5.8473, 8.3233,
23.4134

■ 94.5385, 112.5072,
189.3526

■ 2.7922, 4.3025,
14.6909

■ 121.2080,
142.8659, 233.0638

■ 1.0449, 1.8442,
8.4586

■ 152.4734,
178.2466, 283.0319

■ 0.0000, 0.5145,
4.2978

188.7001,

■ 0.0000, 0.0000,

219.0338, 339.6757

1.7901

230.2535,
265.6117, 403.4135

■ 0.0000, 0.0000,
0.4214

■ 0.0000, 0.0000,
0.0000

■ 26.5123, 33.6045,
68.7073

■ 26.5123, 33.6045,
68.7073

■ 26.5110, 33.6016,
68.7075

■ 27.6706, 35.4475,
69.0027

■ 29.2085, 37.5271,
69.3230

■ 31.2440, 39.9049,
69.6747

■ 33.8423, 42.6151,
70.0609

■ 37.0581, 45.6861,
70.4841

■ 40.9394, 49.1431,
70.9468

■ 45.5296, 53.0088,
71.4511

■ 50.8680, 57.3038,
71.9987

■ 56.9911, 62.0473,
72.5916

Harmonies

Analogous

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



23.3718, 33.6045, 52.3977



26.5123, 33.6045, 68.7073



31.4265, 33.6045, 76.3119

Triad

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



26.5123, 33.6045, 68.7073



43.8074, 33.6045, 38.0883



27.3100, 33.6045, 15.6106

Complementary

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



26.5123, 33.6045, 68.7073



28.6346, 16.1013, 1.6000

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.



32.4592, 33.6045, 13.7912



26.5123, 33.6045, 68.7073



42.3819, 33.6045, 24.3312

Square

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



26.5123, 33.6045, 68.7073



41.7615, 33.6045, 55.7194



38.0623, 33.6045, 16.4637



23.7935, 33.6045, 22.4317

Rectangle

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



26.5123, 33.6045, 68.7073



35.1996, 33.6045, 74.1577



38.0623, 33.6045, 16.4637



28.8883, 33.6045, 14.4981

Sweetspot

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



26.5135, 33.6057, 68.7081



67.4701, 78.6343, 106.2296



24.4805, 48.2672, 10.2963



13.7940, 16.2925, 22.6677



0.0000, 0.0000, 0.0000



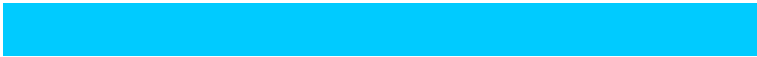
20.3446, 21.4041, 23.3091

Same Dimension

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



26.5135, 33.6057, 68.7081



39.3021, 49.7243, 102.1340



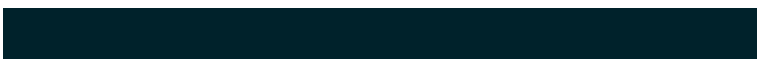
13.9850, 8.5486, 64.5320



12.5653, 13.6539, 15.9107



16.1005, 20.4627, 41.5543



1.0270, 1.3461, 2.5250

Inverse Universe

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



34.9883, 17.1997, 39.5071



51.9671, 25.5508, 58.4182



38.6090, 36.0501, 4.9248



12.8385, 12.5869, 15.0899



21.1856, 10.4106, 24.0794



1.3061, 0.6392, 1.6010

Previews

White Background



This preview shows how the XYZ color 26.5123, 33.6045, 68.7073 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 26.5123, 33.6045, 68.7073 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

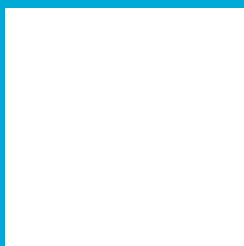
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5123, 33.6045, 68.7073

Background



This preview shows how black text looks on a background with the XYZ color 26.5123, 33.6045, 68.7073.

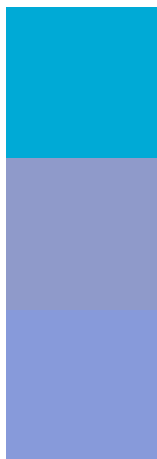


This preview shows how white text looks on a background with the XYZ color 26.5123, 33.6045,

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

26.5123, 33.6045, 68.7073

Protanopia

33.5440, 33.2151, 60.5203

Deuteranopia

34.2022, 33.3241, 70.9592



Tritanopia

23.9132, 33.4750, 52.2147

Trichromacy



Original Color

26.5123, 33.6045, 68.7073



Protanomaly

28.0258, 31.8220, 63.0577



Deuteranomaly

28.9329, 32.1298, 70.3224



Tritanomaly

24.8306, 33.5363, 57.9878

Monochromacy



Original Color

26.5123, 33.6045, 68.7073



Achromatopsia

19.1579, 20.1556, 21.9495



Achromatomaly

18.8351, 23.1463, 35.3733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5123, 33.6045, 68.7073 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, 170, 214)` looks like.

```
.text, #text, p{  
    color:rgb(0, 170, 214)  
}
```

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, 170, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 170, 214) }
```

Border

The CSS property to change the border of an element to XYZ 26.5123, 33.6045, 68.7073 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, 170, 214) }
```


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

```
.border{ border-color:rgb(0, 170, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 170, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 170, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 170, 214);  
box-shadow:4px 4px 4px 4px rgb(0, 170,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5123, 33.6045, 68.7073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 170, 214) }
```

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

```
.background{ background-color: rgb(0, 170,  
214) }
```

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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