

Converting Colors

XYZ(26.3701, 34.3066, 65.6185)

Have a look what the booklet for
XYZ(26.3701, 34.3066, 65.6185)
contains.

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Color

**XYZ(26.4522, 34.4906,
65.5848)**

Conversions

Conversions Part 1

Format	Color
Hex	00ADD1
RGB	0, 173, 209
RGB Percent	0%, 68%, 82%
CMY	0.9998, 0.3216, 0.1804
CMYK	1.00, 0.17, 0.00, 0.18
HSL	190°, 100%, 41%
HSV	190°, 100%, 82%
XYZ	26.4522, 34.4906, 65.5848
YIQ	125.3770, -114.6640, -25.4800

Conversions

Conversions Part 2

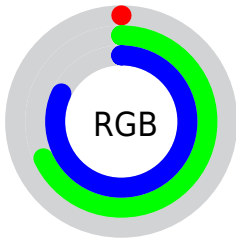
Format	Color
RYB	0, 95, 209
Decimal	44497
CIELab	65.35, -24.20, -28.65
CIELCh	65, 37.501, 229.808
Yxy	34.4906, 0.2091, 0.2726
Android (android.graphics.Color)	4278234577 (0xFF00ADD1)
YUV	125.3770, 41.2261, -109.9556
Hunter-Lab	58.7287, -22.3764, -25.1015

Details

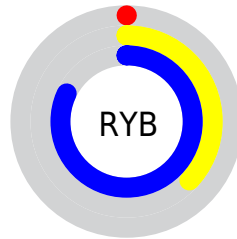
The XYZ color **26.4522, 34.4906, 65.5848** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **26.9274, 14.8202, 1.4427**, and the grayscale version is **19.5183, 20.5348, 22.3624**.

A 20% lighter version of the original color is **51.6628, 66.1422, 104.6515**, and **12.5492, 15.7660, 32.9536** is the 20% darker color. If you saturate the color by 10%, you get **26.4512, 34.4883, 65.5851**, and if you desaturate by 10%, it is **27.4608, 36.0500, 65.8333**.

Distribution



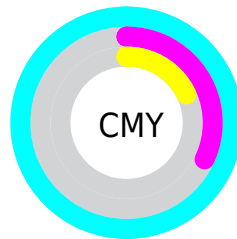
- Red (0%)
- Green (68%)
- Blue (82%)



- Red (0%)
- Yellow (37%)
- Blue (82%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (32%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4522, 34.4906, 65.5848 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 26.4522, 34.4906, 65.5848 by changing the saturation by 10% instead.

■ 26.4522, 34.4906,
65.5848

■ 26.4522, 34.4906,
65.5848

277.2111,
322.3141, 463.2541

■ 17.2967, 23.2707,
47.4811

■ 53.4297, 66.6959,
114.5115

■ 10.5429, 14.7936,
33.0591

■ 71.9824, 88.4501,
146.1716

■ 5.8254, 8.6746,
21.9002

■ 94.3981, 114.4845,
183.1875

■ 2.7788, 4.5296,
13.5860

■ 121.0424,
145.1836, 225.9779

■ 1.0379, 1.9740,
7.6978

■ 152.2805,
180.9317, 274.9612

■ 0.0000, 0.5923,
3.8172

188.4777,

■ 0.0000, 0.0000,

222.1132, 330.5559

1.5256

229.9994,
269.1126, 393.1808

■ 0.0000, 0.0000,
0.2369

■ 0.0000, 0.0000,
0.0000

■ 26.4522, 34.4906,
65.5848

■ 26.4522, 34.4906,
65.5848

■ 26.4512, 34.4883,
65.5851

■ 27.4608, 36.0500,
65.8333

■ 28.8198, 37.8174,
66.1028

■ 30.6425, 39.8518,
66.3994

■ 32.9899, 42.1849,
66.7261

■ 35.9137, 44.8437,
67.0852

■ 39.4590, 47.8515,
67.4789

■ 43.6665, 51.2295,
67.9091

■ 48.5733, 54.9972,
68.3777

■ 54.2138, 59.1723,
68.8863

Harmonies

Analogous

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



23.8489, 34.4906, 48.7152



26.4522, 34.4906, 65.5848



30.9562, 34.4906, 75.6883

Triad

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



26.4522, 34.4906, 65.5848



44.2623, 34.4906, 43.1405



29.3456, 34.4906, 15.7451

Complementary

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



26.4522, 34.4906, 65.5848



26.9274, 14.8202, 1.4427

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.



34.6788, 34.4906, 15.0242



26.4522, 34.4906, 65.5848



43.7071, 34.4906, 28.2434

Square

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



26.4522, 34.4906, 65.5848



41.4912, 34.4906, 60.5413



40.0493, 34.4906, 18.9235



25.3862, 34.4906, 21.2760

Rectangle

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



26.4522, 34.4906, 65.5848



34.6069, 34.4906, 75.7441



40.0493, 34.4906, 18.9235



31.0229, 34.4906, 15.0053

Sweetspot

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



26.4534, 34.4918, 65.5857



68.2237, 80.1416, 106.4809



23.1028, 45.7224, 9.1880



13.9760, 16.6564, 22.7283



0.0000, 0.0000, 0.0000



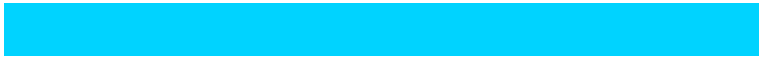
20.3446, 21.4041, 23.3091

Same Dimension

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



26.4534, 34.4918, 65.5857



41.3612, 53.8423, 102.8204



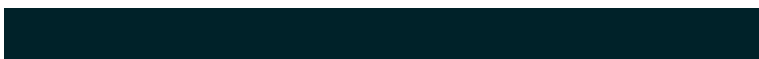
13.6808, 8.9466, 61.3281



11.9779, 13.0460, 15.1305



16.3727, 21.3920, 40.4586



0.9623, 1.2897, 2.2778

Inverse Universe

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



33.8384, 16.5737, 40.9519



53.0064, 25.9666, 63.8910



35.5785, 32.1224, 4.3264



12.2197, 11.9726, 14.4329



20.8949, 10.2308, 25.4165



1.1919, 0.5815, 1.5455

Previews

White Background



This preview shows how the XYZ color 26.4522, 34.4906, 65.5848 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 26.4522, 34.4906, 65.5848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

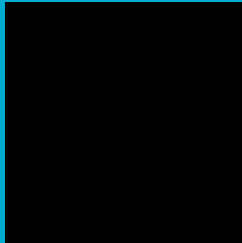
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.4522, 34.4906, 65.5848

Background



This preview shows how black text looks on a background with the XYZ color 26.4522, 34.4906, 65.5848.



This preview shows how white text looks on a background with the XYZ color 26.4522, 34.4906,

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

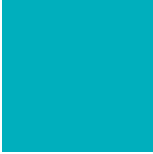
26.4522, 34.4906, 65.5848

Protanopia

34.1793, 34.1041, 57.6046

Deuteranopia

34.8869, 33.9976, 67.6742



Tritanopia

24.5153, 34.3341, 53.4792

Trichromacy



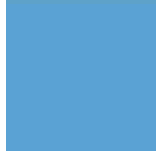
Original Color

26.4522, 34.4906, 65.5848



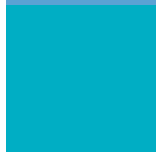
Protanomaly

28.0790, 32.4374, 60.0395



Deuteranomaly

29.0204, 32.7678, 67.0826



Tritanomaly

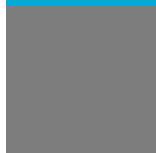
25.0999, 34.2576, 57.5140

Monochromacy



Original Color

26.4522, 34.4906, 65.5848



Achromatopsia

19.4927, 20.5079, 22.3331



Achromatomaly

18.9820, 23.4518, 34.9787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4522, 34.4906, 65.5848 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, 173, 209)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 209)  
}
```

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, 173, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 209) }
```

Border

The CSS property to change the border of an element to XYZ 26.4522, 34.4906, 65.5848 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, 173, 209) }
```


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

```
.border{ border-color:rgb(0, 173, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 173, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 209);  
box-shadow:4px 4px 4px 4px rgb(0, 173,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4522, 34.4906, 65.5848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 209) }
```

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

```
.background{ background-color: rgb(0, 173,  
209) }
```

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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