

Converting Colors

XYZ(25.9696, 43.4677, 78.9622)

Have a look what the booklet for
XYZ(25.9696, 43.4677, 78.9622)
contains.

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Color

**XYZ(35.0834, 48.2029,
79.4065)**

Conversions

Conversions Part 1

Format	Color
Hex	00CBE2
RGB	0, 203, 226
RGB Percent	0%, 80%, 89%
CMY	0.9998, 0.2039, 0.1137
CMYK	1.00, 0.10, 0.00, 0.11
HSL	186°, 100%, 44%
HSV	186°, 100%, 89%
XYZ	35.0834, 48.2029, 79.4065
YIQ	144.9250, -128.3710, -35.8830

Conversions

Conversions Part 2

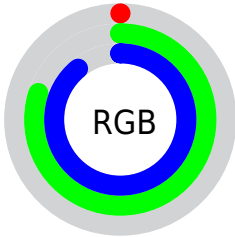
Format	Color
RYB	0, 107, 226
Decimal	52194
CIELab	74.95, -33.37, -23.21
CIELCh	75, 40.648, 214.817
Yxy	48.2029, 0.2156, 0.2963
Android (android.graphics.Color)	4278242274 (0xFF00CBE2)
YUV	144.9250, 39.9700, -127.0992
Hunter-Lab	69.4283, -31.3002, -19.2113

Details

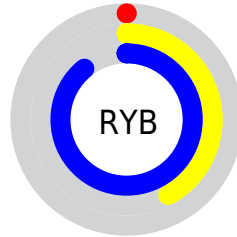
The XYZ color **35.0834, 48.2029, 79.4065** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **31.6722, 16.7840, 1.5719**, and the grayscale version is **26.7707, 28.1649, 30.6716**.

A 20% lighter version of the original color is **60.2404, 82.0550, 107.2709**, and **17.9406, 24.1201, 42.2382** is the 20% darker color. If you saturate the color by 10%, you get **35.0829, 48.2016, 79.4072**, and if you desaturate by 10%, it is **35.9771, 49.4771, 79.6063**.

Distribution



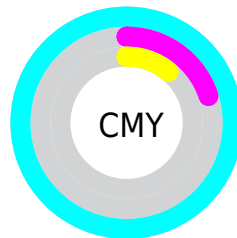
- Red (0%)
- Green (80%)
- Blue (89%)



- Red (0%)
- Yellow (42%)
- Blue (89%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0834, 48.2029, 79.4065 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 35.0834, 48.2029, 79.4065 by changing the saturation by 10% instead.

35.0834, 48.2029,
79.4065

35.0834, 48.2029,
79.4065

316.4379,
379.5958, 512.5844

23.8939, 33.9876,
58.7068

66.9481, 87.5064,
134.3348

15.3793, 22.8841,
41.9587

88.3541, 113.3634,
169.4005

9.1740, 14.5079,
28.7436

113.8963,
143.8698, 210.0920

4.9129, 8.4748,
18.6430

143.9400,
179.4099, 256.8277

2.2305, 4.4002,
11.2384

178.8507,
220.3682, 310.0263

0.7587, 1.8999,
6.1113

218.9937,

0.0000, 0.5483,

267.1290, 370.1062

2.8430

264.7343,
320.0767, 437.4861

■ 0.0000, 0.0000,
1.0150

■ 0.0000, 0.0000,
0.0000

■ 35.0834, 48.2029,
79.4065

■ 35.0834, 48.2029,
79.4065

■ 35.0829, 48.2016,
79.4072

■ 35.9771, 49.4771,
79.6063

■ 37.2805, 50.9735,
79.8264

■ 39.1244, 52.7607,
80.0742

■ 41.5832, 54.8769,
80.3531

■ 44.7195, 57.3546,
80.6660

■ 48.5880, 60.2220,
81.0156

■ 53.2378, 63.5044,
81.4041

■ 58.7139, 67.2251,
81.8336

■ 65.0577, 71.4055,
82.3062

Harmonies

Analogous

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



33.0315, 48.2029, 55.9873



35.0834, 48.2029, 79.4065



40.0151, 48.2029, 98.7602

Triad

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



35.0834, 48.2029, 79.4065



59.9597, 48.2029, 71.8370



44.6291, 48.2029, 21.4157

Complementary

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



35.0834, 48.2029, 79.4065



31.6722, 16.7840, 1.5719

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.



52.1507, 48.2029, 23.5368



35.0834, 48.2029, 79.4065



61.5336, 48.2029, 49.1314

Square

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



35.0834, 48.2029, 79.4065



54.4433, 48.2029, 93.6279



58.5392, 48.2029, 32.4606



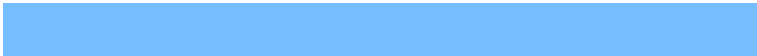
38.1509, 48.2029, 25.6025

Rectangle

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



35.0834, 48.2029, 79.4065



44.5401, 48.2029, 104.5271



58.5392, 48.2029, 32.4606



47.1148, 48.2029, 21.4281

Sweetspot

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



35.0849, 48.2046, 79.4077



69.8511, 83.3963, 107.0233



27.3486, 54.4542, 9.8617



14.3701, 17.4446, 22.8597



0.0000, 0.0000, 0.0000



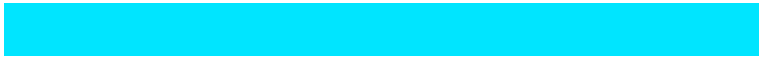
20.3446, 21.4041, 23.3091

Same Dimension

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



35.0849, 48.2046, 79.4077



46.0815, 63.2831, 104.3938



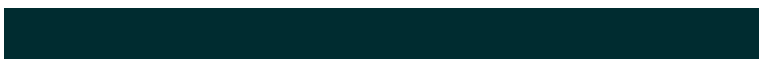
17.4212, 12.8772, 73.5198



13.9911, 15.3214, 17.6076



20.0653, 27.6002, 45.3182



1.4257, 1.9828, 3.1528

Inverse Universe

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



42.1449, 20.4821, 58.2339



55.3890, 26.9196, 76.4378



40.1159, 33.6714, 4.3865



14.2317, 13.9103, 16.9905



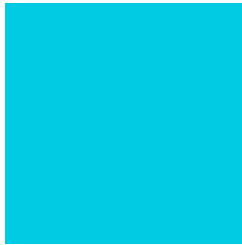
24.0682, 11.6943, 33.3547



1.6859, 0.8176, 2.4046

Previews

White Background



This preview shows how the XYZ color 35.0834, 48.2029, 79.4065 looks on a white background.

Color Contrast Check

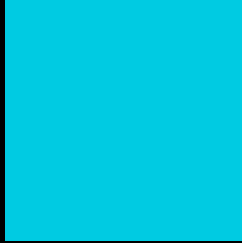
Large Text (above 18pt) WCAG AA × Fail

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 35.0834, 48.2029, 79.4065 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

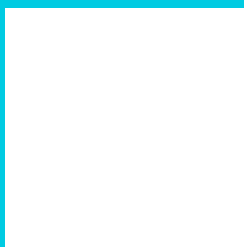
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0834, 48.2029, 79.4065

Background



This preview shows how black text looks on a background with the XYZ color 35.0834, 48.2029, 79.4065.



This preview shows how white text looks on a background with the XYZ color 35.0834, 48.2029,

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

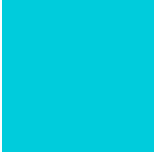
35.0834, 48.2029, 79.4065

Protanopia

46.9717, 47.6743, 69.0137

Deuteranopia

48.6496, 47.6421, 82.2331



Tritanopia

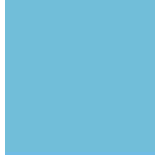
34.5111, 48.3530, 75.2243

Trichromacy



Original Color

35.0834, 48.2029, 79.4065



Protanomaly

37.7479, 45.3474, 72.4090



Deuteranomaly

38.8082, 45.0683, 80.7824



Tritanomaly

34.7777, 48.4597, 76.6279

Monochromacy



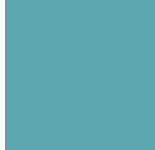
Original Color

35.0834, 48.2029, 79.4065



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

25.6898, 32.6037, 44.9836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0834, 48.2029, 79.4065 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, 203, 226)` looks like.

```
.text, #text, p{  
    color:rgb(0, 203, 226)  
}
```

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, 203, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 203, 226) }
```

Border

The CSS property to change the border of an element to XYZ 35.0834, 48.2029, 79.4065 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, 203, 226) }
```


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

```
.border{ border-color:rgb(0, 203, 226) }
```

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

Here you see how a box with a 4 pixel rgb(0, 203, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 203, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 203, 226);  
box-shadow:4px 4px 4px 4px rgb(0, 203,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0834, 48.2029, 79.4065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 203, 226) }
```

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

```
.background{ background-color: rgb(0, 203,  
226) }
```

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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