

Converting Colors

XYZ(30.2806, 51.5121, 61.4767)

Have a look what the booklet for
XYZ(30.2806, 51.5121, 61.4767)
contains.

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Color

**XYZ(35.2644, 54.2200,
62.0330)**

Conversions

Conversions Part 1

Format	Color
Hex	00DAC6
RGB	0, 218, 198
RGB Percent	0%, 85%, 78%
CMY	0.9998, 0.1451, 0.2235
CMYK	1.00, 0.00, 0.09, 0.15
HSL	174°, 100%, 43%
HSV	174°, 100%, 85%
XYZ	35.2644, 54.2200, 62.0330
YIQ	150.5380, -123.5080, -52.4360

Conversions

Conversions Part 2

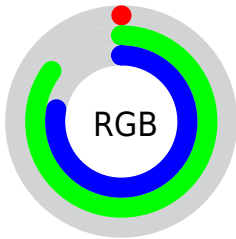
Format	Color
RYB	0, 114, 218
Decimal	56006
CIELab	78.59, -48.43, -2.71
CIELCh	79, 48.508, 183.207
Yxy	54.2200, 0.2327, 0.3578
Android (android.graphics.Color)	4278246086 (0xFF00DAC6)
YUV	150.5380, 23.3988, -132.0218
Hunter-Lab	73.6342, -43.3739, 1.5952

Details

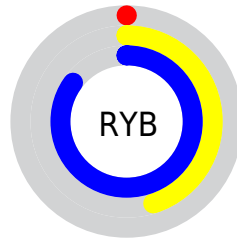
The XYZ color **35.2644, 54.2200, 62.0330** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **29.0415, 14.9574, 2.0201**, and the grayscale version is **29.1649, 30.6837, 33.4145**.

A 20% lighter version of the original color is **60.1167, 81.9912, 107.2651**, and **17.9544, 27.8543, 30.8157** is the 20% darker color. If you saturate the color by 10%, you get **35.2651, 54.2216, 62.0321**, and if you desaturate by 10%, it is **35.8252, 54.4835, 63.2731**.

Distribution



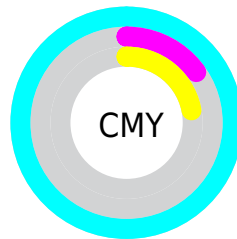
- Red (0%)
- Green (85%)
- Blue (78%)



- Red (0%)
- Yellow (45%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)





- Cyan (100%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2644, 54.2200, 62.0330 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 35.2644, 54.2200, 62.0330 by changing the saturation by 10% instead.


 35.2644, 54.2200,
62.0330


 35.2644, 54.2200,
62.0330


317.2214,
402.9484, 450.0624


 24.0341, 38.7776,
44.6234


 67.2265, 96.3972,
109.3453


 15.4838, 26.5867,
30.8201


 88.6890, 123.9007,
140.0850

 9.2481, 17.2631,
20.2046


 114.2929,
156.1935, 176.1053

 4.9618, 10.4223,
12.3583

 144.4036,
193.6598, 217.8245

 2.2594, 5.6798,
6.8627

 179.3865,
236.6840, 265.6613

 0.7738, 2.6514,
3.2992

219.6068,

 0.0000, 0.9526,

285.6506, 320.0342

1.2494

265.4300,
340.9439, 381.3617

■ 0.0000, 0.0000,
0.0198

■ 0.0000, 0.0000,
0.0000

■ 35.2644, 54.2200,
62.0330

■ 35.2644, 54.2200,
62.0330

■ 35.2651, 54.2216,
62.0321

■ 35.8252, 54.4835,
63.2731

■ 36.7565, 54.9364,
64.5453

■ 38.1809, 55.6432,
65.8566

■ 40.1662, 56.6387,
67.2103

■ 42.7696, 57.9526,
68.6090

■ 46.0411, 59.6105,
70.0552

■ 50.0258, 61.6357,
71.5511

■ 54.7647, 64.0493,
73.0986

■ 60.2956, 66.8709,
74.6995

Harmonies

Analogous

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



36.7972, 54.2200, 38.3318



35.2644, 54.2200, 62.0330



37.6254, 54.2200, 92.8422

Triad

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



35.2644, 54.2200, 62.0330



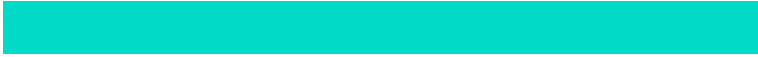
62.2790, 54.2200, 114.9921



60.2785, 54.2200, 23.3927

Complementary

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



35.2644, 54.2200, 62.0330



29.0415, 14.9574, 2.0201

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.



68.5076, 54.2200, 34.6301



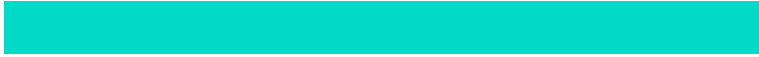
35.2644, 54.2200, 62.0330



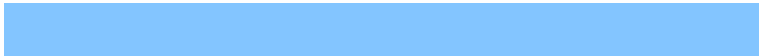
69.7594, 54.2200, 86.1084

Square

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



35.2644, 54.2200, 62.0330



52.5705, 54.2200, 128.7994



72.1678, 54.2200, 56.1378



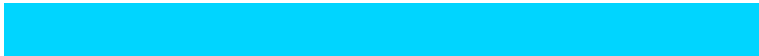
50.5122, 54.2200, 20.5132

Rectangle

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



35.2644, 54.2200, 62.0330



41.2842, 54.2200, 112.0686



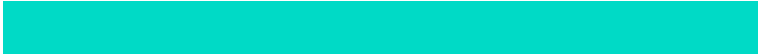
72.1678, 54.2200, 56.1378



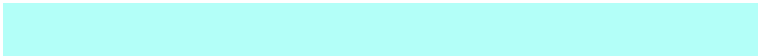
63.3548, 54.2200, 26.1009

Sweetspot

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



35.2660, 54.2221, 62.0343



71.1752, 87.8203, 101.9903



25.3997, 50.3133, 8.3739



14.6923, 18.5215, 21.6342



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.



35.2660, 54.2221, 62.0343



50.2687, 77.3235, 88.3217



20.7476, 21.2460, 69.3393



13.3907, 14.8079, 16.5201



21.1479, 32.4918, 37.2740



1.3854, 2.1111, 2.4958

Inverse Universe

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



29.0415, 14.9574, 2.0201



41.3987, 21.3235, 2.7657



32.3410, 21.7588, 2.4964



13.1043, 13.0708, 13.8106



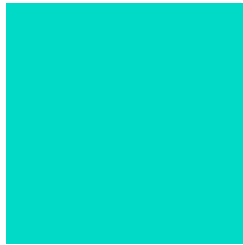
17.4150, 8.9671, 1.2997



1.1453, 0.5878, 0.1740

Previews

White Background



This preview shows how the XYZ color 35.2644, 54.2200, 62.0330 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 35.2644, 54.2200, 62.0330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

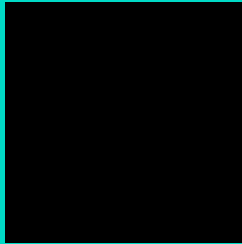
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

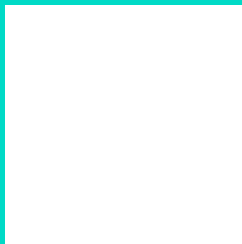
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2644, 54.2200, 62.0330

Background



This preview shows how black text looks on a background with the XYZ color 35.2644, 54.2200, 62.0330.

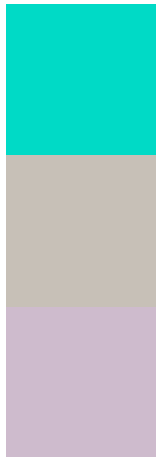


This preview shows how white text looks on a background with the XYZ color 35.2644, 54.2200,

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

35.2644, 54.2200, 62.0330

Protanopia

50.9501, 53.2603, 52.3947

Deuteranopia

54.2434, 53.0702, 65.1423



Tritanopia

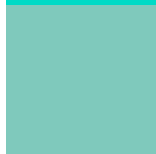
39.7394, 54.1423, 83.9573

Trichromacy



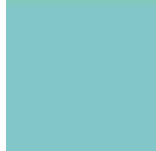
Original Color

35.2644, 54.2200, 62.0330



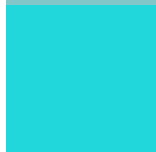
Protanomaly

38.7161, 49.9162, 55.1712



Deuteranomaly

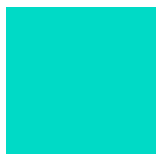
40.2148, 49.4777, 63.3077



Tritanomaly

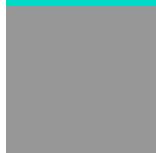
37.7463, 54.0554, 75.4621

Monochromacy



Original Color

35.2644, 54.2200, 62.0330



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

27.2217, 35.9739, 42.5547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2644, 54.2200, 62.0330 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, 218, 198)` looks like.

```
.text, #text, p{  
    color:rgb(0, 218, 198)  
}
```

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, 218, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 218, 198) }
```

Border

The CSS property to change the border of an element to XYZ 35.2644, 54.2200, 62.0330 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, 218, 198) }
```


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

```
.border{ border-color:rgb(0, 218, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 218, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 218, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 218, 198);  
box-shadow:4px 4px 4px 4px rgb(0, 218,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2644, 54.2200, 62.0330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 218, 198) }
```

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

```
.background{ background-color: rgb(0, 218,  
198) }
```

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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