

Converting Colors

XYZ(35.4372, 52.1096, 69.6621)

Have a look what the booklet for
XYZ(35.4372, 52.1096, 69.6621)
contains.

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Color

**XYZ(35.5521, 52.2916,
69.8475)**

Conversions

Conversions Part 1

Format	Color
Hex	00D5D3
RGB	0, 213, 211
RGB Percent	0%, 84%, 83%
CMY	0.9998, 0.1647, 0.1725
CMYK	1.00, 0.00, 0.01, 0.16
HSL	179°, 100%, 42%
HSV	179°, 100%, 84%
XYZ	35.5521, 52.2916, 69.8475
YIQ	149.0850, -126.3060, -45.7780

Conversions

Conversions Part 2

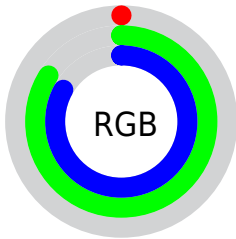
Format	Color
RYB	0, 107, 213
Decimal	54739
CIELab	77.45, -42.57, -11.36
CIELCh	77, 44.056, 194.942
Yxy	52.2916, 0.2255, 0.3316
Android (android.graphics.Color)	4278244819 (0xFF00D5D3)
YUV	149.0850, 30.5241, -130.7475
Hunter-Lab	72.3129, -38.7895, -6.6495

Details

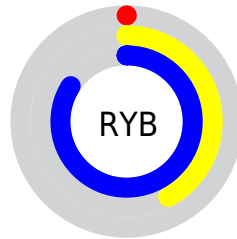
The XYZ color **35.5521, 52.2916, 69.8475** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **27.4532, 14.1522, 1.3436**, and the grayscale version is **28.5234, 30.0088, 32.6796**.

A 20% lighter version of the original color is **60.1167, 81.9912, 107.2651**, and **18.1428, 26.5483, 36.0664** is the 20% darker color. If you saturate the color by 10%, you get **35.5530, 52.2932, 69.8484**, and if you desaturate by 10%, it is **35.8949, 52.4666, 69.9958**.

Distribution



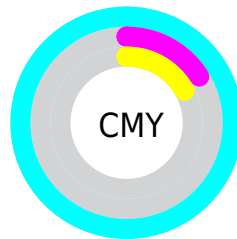
- Red (0%)
- Green (84%)
- Blue (83%)



- Red (0%)
- Yellow (42%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)





- Cyan (100%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5521, 52.2916, 69.8475 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 35.5521, 52.2916, 69.8475 by changing the saturation by 10% instead.


 35.5521, 52.2916,
69.8475


 35.5521, 52.2916,
69.8475


318.4641,
395.5613, 478.7890


 24.2570, 37.2376,
50.9262


 67.6686, 93.5611,
120.6703


 15.6501, 25.3915,
35.7735


 89.2207, 120.5454,
153.4089


 9.3662, 16.3690,
23.9710


 114.9224,
152.2753, 191.5904

 5.0398, 9.7856,
15.1001

 145.1392,
189.1350, 235.6332

 2.3056, 5.2570,
8.7423

 180.2365,
231.5091, 285.9559

 0.7975, 2.3989,
4.4790

220.5794,

 0.0000, 0.8253,

279.7819, 342.9771

1.8916

266.5335,
334.3379, 407.1153

■ 0.0000, 0.0000,
0.4874

■ 0.0000, 0.0000,
0.0000

■ 35.5521, 52.2916,
69.8475

■ 35.5521, 52.2916,
69.8475

■ 35.5530, 52.2932,
69.8484

■ 35.8949, 52.4666,
69.9958

■ 36.5850, 52.8194,
70.1594

■ 37.7397, 53.4118,
70.3449

■ 39.4229, 54.2766,
70.5553

■ 41.6886, 55.4417,
70.7931

■ 44.5841, 56.9314,
71.0605

■ 48.1518, 58.7677,
71.3596

■ 52.4305, 60.9705,
71.6921

■ 57.4560, 63.5583,
72.0597

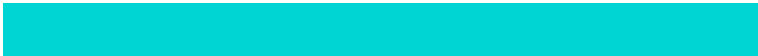
Harmonies

Analogous

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



35.5589, 52.2916, 45.6451



35.5521, 52.2916, 69.8475



39.0295, 52.2916, 96.7089

Triad

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



35.5521, 52.2916, 69.8475



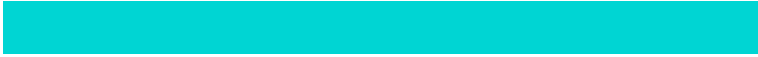
62.1337, 52.2916, 96.8038



54.0596, 52.2916, 22.6972

Complementary

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



35.5521, 52.2916, 69.8475



27.4532, 14.1522, 1.3436

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.



62.1607, 52.2916, 29.9079



35.5521, 52.2916, 69.8475



67.1705, 52.2916, 69.9519

Square

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



35.5521, 52.2916, 69.8475



54.0260, 52.2916, 115.0299



67.1809, 52.2916, 45.7237



45.6144, 52.2916, 22.6840

Rectangle

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



35.5521, 52.2916, 69.8475



43.1100, 52.2916, 110.5874



67.1809, 52.2916, 45.7237



56.9331, 52.2916, 24.2434

Sweetspot

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



35.5537, 52.2935, 69.8488



72.1695, 88.2180, 107.2261



23.8403, 47.6133, 7.9352



14.9343, 18.6183, 22.9087



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.



35.5537, 52.2935, 69.8488



53.4265, 78.5866, 104.9504



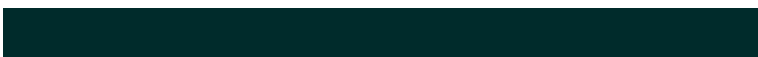
17.5954, 15.9728, 65.1085



12.7869, 14.1058, 15.9585



21.7190, 31.9429, 42.6773



1.3116, 1.9273, 2.5829

Inverse Universe

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



27.4532, 14.1522, 1.3436



41.2531, 21.2653, 1.9991



32.2897, 23.8427, 2.9017



12.4280, 12.4227, 12.9279



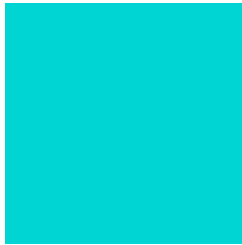
16.7707, 8.6446, 0.8308



1.0132, 0.5221, 0.0591

Previews

White Background



This preview shows how the XYZ color 35.5521, 52.2916, 69.8475 looks on a white background.

Color Contrast Check

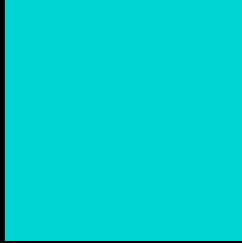
Large Text (above 18pt) WCAG AA × Fail

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 35.5521, 52.2916, 69.8475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

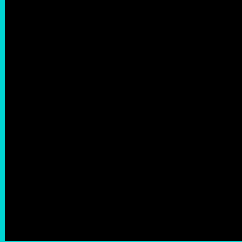
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5521, 52.2916, 69.8475

Background



This preview shows how black text looks on a background with the XYZ color 35.5521, 52.2916, 69.8475.



This preview shows how white text looks on a background with the XYZ color 35.5521, 52.2916,

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

35.5521, 52.2916, 69.8475

Protanopia

49.6473, 51.4571, 59.5401

Deuteranopia

52.3790, 51.3098, 72.7887



Tritanopia

37.9253, 52.1457, 81.4651

Trichromacy



Original Color

35.5521, 52.2916, 69.8475



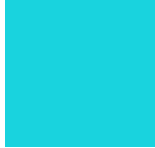
Protanomaly

38.7627, 48.7428, 62.6236



Deuteranomaly

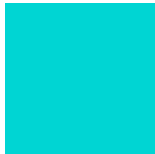
40.0930, 48.2216, 71.4846



Tritanomaly

36.8800, 52.0691, 77.2138

Monochromacy



Original Color

35.5521, 52.2916, 69.8475



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

26.9182, 34.9165, 44.3505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5521, 52.2916, 69.8475 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, 213, 211)` looks like.

```
.text, #text, p{  
    color:rgb(0, 213, 211)  
}
```

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, 213, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 213, 211) }
```

Border

The CSS property to change the border of an element to XYZ 35.5521, 52.2916, 69.8475 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, 213, 211) }
```


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

```
.border{ border-color:rgb(0, 213, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 213, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 213, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 213, 211);  
box-shadow:4px 4px 4px 4px rgb(0, 213,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5521, 52.2916, 69.8475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 213, 211) }
```

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

```
.background{ background-color: rgb(0, 213,  
211) }
```

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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