

Converting Colors

XYZ(43.3699, 73.2710, 55.9791)

Have a look what the booklet for
XYZ(43.3699, 73.2710, 55.9791)
contains.

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Color

**XYZ(43.2539, 72.9982,
56.0663)**

Conversions

Conversions Part 1

Format	Color
Hex	00FCB6
RGB	0, 252, 182
RGB Percent	0%, 99%, 71%
CMY	0.9999, 0.0117, 0.2863
CMYK	1.00, 0.00, 0.28, 0.01
HSL	163°, 100%, 49%
HSV	163°, 100%, 99%
XYZ	43.2539, 72.9982, 56.0663
YIQ	168.6720, -127.7220, -75.1940

Conversions

Conversions Part 2

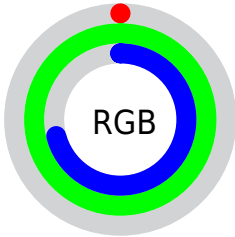
Format	Color
RYB	0, 146, 252
Decimal	64694
CIELab	88.45, -65.61, 19.78
CIELCh	88, 68.527, 163.226
Yxy	72.9982, 0.2510, 0.4236
Android (android.graphics.Color)	4278254774 (0xFF00FCB6)
YUV	168.6720, 6.5707, -147.9253
Hunter-Lab	85.4390, -59.1517, 20.9003

Details

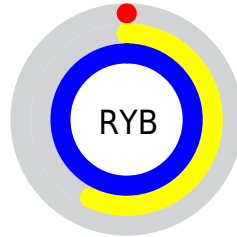
The XYZ color **43.2539, 72.9982, 56.0663** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **41.2534, 21.1397, 7.7067**, and the grayscale version is **37.5701, 39.5266, 43.0445**.

A 20% lighter version of the original color is **58.2628, 81.3379, 93.5179**, and **23.2542, 40.1686, 27.2966** is the 20% darker color. If you saturate the color by 10%, you get **43.2544, 73.0004, 56.0625**, and if you desaturate by 10%, it is **44.4041, 73.5073, 59.9941**.

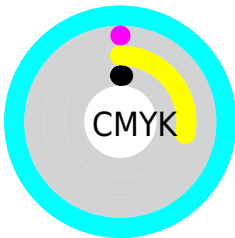
Distribution



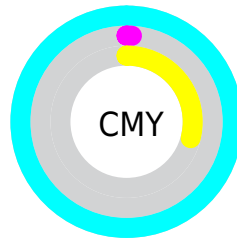
- Red (0%)
- Green (99%)
- Blue (71%)



- Red (0%)
- Yellow (57%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (1%)




- Cyan (100%)
- Magenta (1%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2539, 72.9982, 56.0663 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 43.2539, 72.9982, 56.0663 by changing the saturation by 10% instead.


 43.2539, 72.9982,
56.0663


 43.2539, 72.9982,
56.0663


350.5587,
471.0086, 427.3366


 30.2798, 53.9745,
39.8517


 79.3472, 123.4747,
100.5883


 20.2002, 38.5813,
27.1101


 103.1971,
155.6962, 129.7328

 12.6497, 26.4341,
17.4227

 131.4029,
193.0858, 164.0243

 7.2631, 17.1487,
10.3712

 164.3300,
236.0279, 203.8814

 3.6750, 10.3406,
5.5370

 202.3438,
284.9068, 249.7227

 1.5200, 5.6253,
2.5014

245.8096,

 0.3394, 2.6186,

340.1069, 301.9666

0.8409

295.0928,
402.0127, 361.0317

■ 0.0000, 0.9360,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.2539, 72.9982,
56.0663

■ 43.2539, 72.9982,
56.0663

■ 43.2544, 73.0004,
56.0625

■ 44.4041, 73.5073,
59.9941

■ 46.1130, 74.2983,
64.1379

■ 48.5436, 75.4571,
68.5097

■ 51.7941, 77.0342,
73.1166

■ 55.9469, 79.0720,
77.9649

■ 61.0743, 81.6078,
83.0606

■ 67.2409, 84.6748,
88.4090

■ 74.5057, 88.3034,
94.0153

■ 82.9231, 92.5216,
99.8845

Harmonies

Analogous

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



49.8672, 72.9982, 30.0042



43.2539, 72.9982, 56.0663



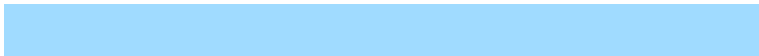
42.8844, 72.9982, 102.1023

Triad

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



43.2539, 72.9982, 56.0663



76.8867, 72.9982, 204.5755



95.1239, 72.9982, 32.1276

Complementary

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



43.2539, 72.9982, 56.0663



41.2534, 21.1397, 7.7067

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.



105.0211, 72.9982, 60.4778



43.2539, 72.9982, 56.0663



93.4221, 72.9982, 165.6270

Square

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



43.2539, 72.9982, 56.0663



60.6347, 72.9982, 201.8564



104.3531, 72.9982, 108.6508



78.9339, 72.9982, 20.4146

Rectangle

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



43.2539, 72.9982, 56.0663



46.1107, 72.9982, 140.2888



104.3531, 72.9982, 108.6508



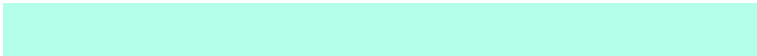
99.4039, 72.9982, 39.4102

Sweetspot

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



43.2559, 73.0011, 56.0680



69.0500, 86.9702, 90.7989



37.4418, 70.9792, 11.7280



14.1791, 18.3162, 18.9318



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.



43.2559, 73.0011, 56.0680



44.4281, 74.9872, 57.5655



37.6315, 47.1482, 99.2159



17.5480, 19.5215, 21.0866



22.5967, 38.0517, 29.5490



2.1378, 3.5422, 2.9734

Inverse Universe

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



41.2534, 21.1397, 7.7067



42.3723, 21.7129, 7.8928



41.4952, 23.3936, 2.3294



17.4428, 17.3045, 18.9213



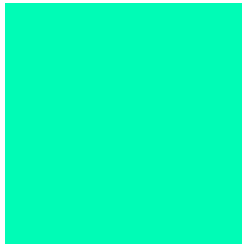
21.5414, 11.0323, 4.2933



2.0380, 1.0389, 0.6235

Previews

White Background



This preview shows how the XYZ color 43.2539, 72.9982, 56.0663 looks on a white background.

Color Contrast Check

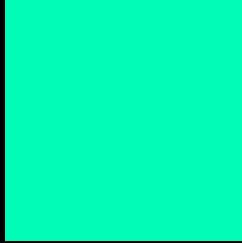
Large Text (above 18pt) WCAG AA × Fail

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 43.2539, 72.9982, 56.0663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

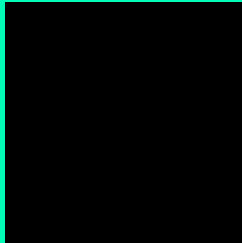
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

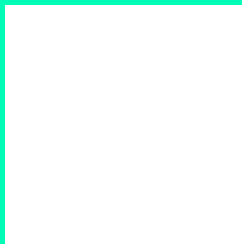
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.2539, 72.9982, 56.0663

Background



This preview shows how black text looks on a background with the XYZ color 43.2539, 72.9982, 56.0663.

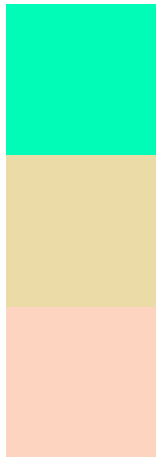


This preview shows how white text looks on a background with the XYZ color 43.2539, 72.9982,

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

43.2539, 72.9982, 56.0663

Protanopia

66.8292, 71.6386, 46.8646

Deuteranopia

73.0923, 71.5440, 59.2472



Tritanopia

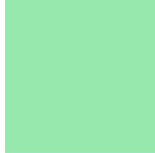
56.3703, 72.3621, 105.6040

Trichromacy



Original Color

43.2539, 72.9982, 56.0663



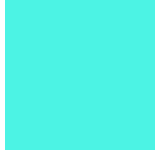
Protanomaly

48.8807, 67.1758, 49.4197



Deuteranomaly

51.0434, 66.0426, 57.6342



Tritanomaly

49.0347, 71.2391, 84.5649

Monochromacy



Original Color

43.2539, 72.9982, 56.0663



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

34.2477, 47.0910, 47.3288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2539, 72.9982, 56.0663 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, 252, 182)` looks like.

```
.text, #text, p{  
    color:rgb(0, 252, 182)  
}
```

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, 252, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 252, 182) }
```

Border

The CSS property to change the border of an element to XYZ 43.2539, 72.9982, 56.0663 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, 252, 182) }
```


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

```
.border{ border-color:rgb(0, 252, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 252, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 252, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 252, 182);  
box-shadow:4px 4px 4px 4px rgb(0, 252,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2539, 72.9982, 56.0663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 252, 182) }
```

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

```
.background{ background-color: rgb(0, 252,  
182) }
```

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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