

Converting Colors

XYZ(43.0590, 68.2739, 69.3640)

Have a look what the booklet for
XYZ(43.0590, 68.2739, 69.3640)
contains.

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Color

**XYZ(43.1912, 68.5574,
69.3490)**

Conversions

Conversions Part 1

Format	Color
Hex	00F3CE
RGB	0, 243, 206
RGB Percent	0%, 95%, 81%
CMY	0.9998, 0.0470, 0.1921
CMYK	1.00, 0.00, 0.15, 0.05
HSL	171°, 100%, 48%
HSV	171°, 100%, 95%
XYZ	43.1912, 68.5574, 69.3490
YIQ	166.1250, -132.9510, -63.0230

Conversions

Conversions Part 2

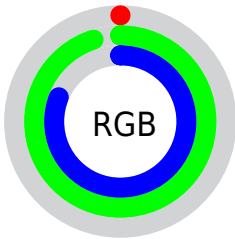
Format	Color
RYB	0, 132, 243
Decimal	62414
CIELab	86.28, -56.48, 4.28
CIELCh	86, 56.638, 175.671
Yxy	68.5574, 0.2385, 0.3786
Android (android.graphics.Color)	4278252494 (0xFF00F3CE)
YUV	166.1250, 19.6584, -145.6916
Hunter-Lab	82.7994, -51.7868, 8.3010

Details

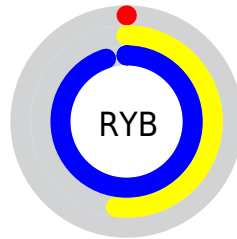
The XYZ color **43.1912, 68.5574, 69.3490** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **37.2987, 19.1904, 3.4929**, and the grayscale version is **36.2681, 38.1569, 41.5528**.

A 20% lighter version of the original color is **60.7494, 82.3174, 107.2948**, and **23.2264, 37.3848, 35.6976** is the 20% darker color. If you saturate the color by 10%, you get **43.1915, 68.5593, 69.3456**, and if you desaturate by 10%, it is **44.0327, 68.9402, 71.7649**.

Distribution



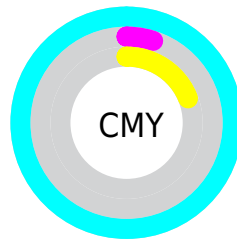
- Red (0%)
- Green (95%)
- Blue (81%)



- Red (0%)
- Yellow (52%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (5%)





- Cyan (100%)
- Magenta (5%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1912, 68.5574, 69.3490 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 43.1912, 68.5574, 69.3490 by changing the saturation by 10% instead.


 43.1912, 68.5574,
69.3490


 43.1912, 68.5574,
69.3490


350.3057,
455.4684, 476.9881


 30.2303, 50.3513,
50.5225


 79.2532, 117.1492,
119.9523

 20.1624, 35.6926,
35.4546


 103.0851,
148.3037, 152.5662

 12.6221, 24.1969,
23.7269


 131.2713,
184.5432, 190.6129

 7.2441, 15.4798,
14.9209

 164.1773,
226.2520, 234.5110

 3.6629, 9.1568,
8.6179

 202.1684,
273.8145, 284.6790

 1.5132, 4.8436,
4.3994

245.6099,

 0.3348, 2.1558,

327.6151, 341.5355

1.8469

294.8672,
388.0383, 405.4991

■ 0.0000, 0.6957,
0.4586

■ 0.0000, 0.0000,
0.0000

■ 43.1912, 68.5574,
69.3490

■ 43.1912, 68.5574,
69.3490

■ 43.1915, 68.5593,
69.3456

■ 44.0327, 68.9402,
71.7649

■ 45.3632, 69.5724,
74.2578

■ 47.3338, 70.5332,
76.8366

■ 50.0337, 71.8688,
79.5060

■ 53.5380, 73.6178,
82.2697

■ 57.9122, 75.8139,
85.1313

■ 63.2150, 78.4876,
88.0937

■ 69.5002, 81.6664,
91.1599

■ 76.8172, 85.3758,
94.3325

Harmonies

Analogous

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



46.5454, 68.5574, 40.9901



43.1912, 68.5574, 69.3490



45.0471, 68.5574, 110.3399

Triad

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



43.1912, 68.5574, 69.3490



76.6574, 68.5574, 160.0443



80.3749, 68.5574, 29.6133

Complementary

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



43.1912, 68.5574, 69.3490



37.2987, 19.1904, 3.4929

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.



90.5178, 68.5574, 47.6244



43.1912, 68.5574, 69.3490



88.1783, 68.5574, 122.9968

Square

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



43.1912, 68.5574, 69.3490



63.2845, 68.5574, 171.7825



93.5478, 68.5574, 80.2089



67.0758, 68.5574, 23.4461

Rectangle

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



43.1912, 68.5574, 69.3490



49.1415, 68.5574, 138.8207



93.5478, 68.5574, 80.2089



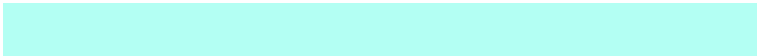
84.3326, 68.5574, 34.1135

Sweetspot

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



43.1931, 68.5600, 69.3506



70.4655, 87.5364, 98.2529



32.9483, 64.5656, 10.7273



14.5203, 18.4526, 20.7282



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.



43.1931, 68.5600, 69.3506



48.1758, 76.4863, 77.3008



29.1026, 32.3192, 89.5013



16.8819, 18.7119, 20.6623



23.7448, 37.6428, 38.2715



2.1157, 3.3199, 3.5151

Inverse Universe

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



37.2987, 19.1904, 3.4929



41.6035, 21.4054, 3.8442



39.9088, 24.9456, 2.7130



16.6020, 16.5236, 17.6507



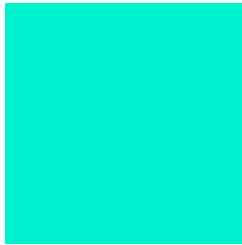
20.5000, 10.5434, 2.0754



1.8319, 0.9387, 0.3411

Previews

White Background



This preview shows how the XYZ color 43.1912, 68.5574, 69.3490 looks on a white background.

Color Contrast Check

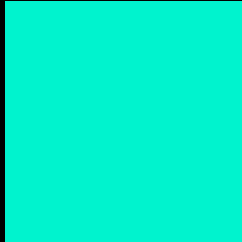
Large Text (above 18pt) WCAG AA × Fail

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 43.1912, 68.5574, 69.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

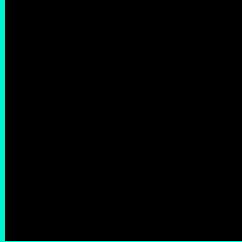
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1912, 68.5574, 69.3490

Background



This preview shows how black text looks on a background with the XYZ color 43.1912, 68.5574, 69.3490.

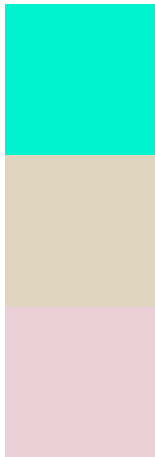


This preview shows how white text looks on a background with the XYZ color 43.1912, 68.5574,

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

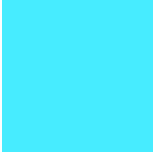
43.1912, 68.5574, 69.3490

Protanopia

63.5199, 66.9942, 58.2985

Deuteranopia

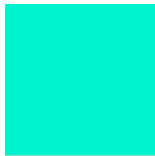
68.3821, 66.9731, 72.9413



Tritanopia

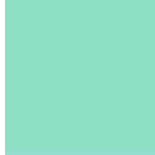
50.6440, 68.5505, 105.1701

Trichromacy



Original Color

43.1912, 68.5574, 69.3490



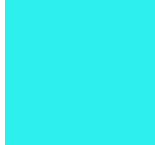
Protanomaly

47.7748, 63.0476, 61.8760



Deuteranomaly

49.7455, 62.2791, 71.0272



Tritanomaly

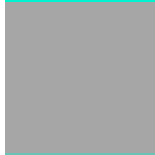
47.2348, 68.4053, 90.8348

Monochromacy



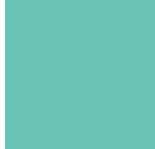
Original Color

43.1912, 68.5574, 69.3490



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

33.5761, 44.9839, 50.6292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1912, 68.5574, 69.3490 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, 243, 206)` looks like.

```
.text, #text, p{  
    color:rgb(0, 243, 206)  
}
```

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, 243, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 243, 206) }
```

Border

The CSS property to change the border of an element to XYZ 43.1912, 68.5574, 69.3490 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, 243, 206) }
```


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

```
.border{ border-color:rgb(0, 243, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 243, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 243, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 243, 206);  
box-shadow:4px 4px 4px 4px rgb(0, 243,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1912, 68.5574, 69.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 243, 206) }
```

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

```
.background{ background-color: rgb(0, 243,  
206) }
```

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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