

Converting Colors

XYZ(43.1716, 73.1917, 54.9352)

Have a look what the booklet for
XYZ(43.1716, 73.1917, 54.9352)
contains.

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Color

**XYZ(43.0486, 72.9161,
54.9853)**

Conversions

Conversions Part 1

Format	Color
Hex	00FCB4
RGB	0, 252, 180
RGB Percent	0%, 99%, 71%
CMY	0.9999, 0.0117, 0.2941
CMYK	1.00, 0.00, 0.29, 0.01
HSL	163°, 100%, 49%
HSV	163°, 100%, 99%
XYZ	43.0486, 72.9161, 54.9853
YIQ	168.4440, -127.0800, -75.8160

Conversions

Conversions Part 2

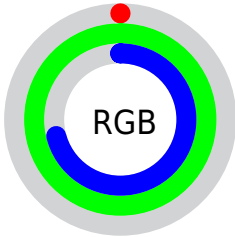
Format	Color
RYB	0, 147, 252
Decimal	64692
CIELab	88.41, -66.05, 20.75
CIELCh	88, 69.233, 162.563
Yxy	72.9161, 0.2518, 0.4265
Android (android.graphics.Color)	4278254772 (0xFF00FCB4)
YUV	168.4440, 5.6971, -147.7254
Hunter-Lab	85.3909, -59.4459, 21.5954

Details

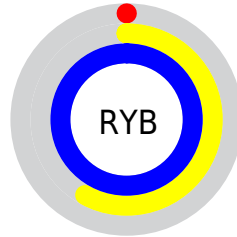
The XYZ color **43.0486, 72.9161, 54.9853** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **41.3175, 21.1653, 8.0444**, and the grayscale version is **37.4611, 39.4120, 42.9197**.

A 20% lighter version of the original color is **57.9706, 81.2210, 91.9787**, and **23.1226, 40.1159, 26.6031** is the 20% darker color. If you saturate the color by 10%, you get **43.0492, 72.9184, 54.9820**, and if you desaturate by 10%, it is **44.2098, 73.4296, 58.9712**.

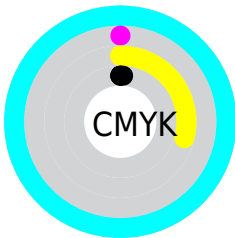
Distribution



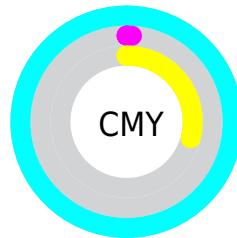
- Red (0%)
- Green (99%)
- Blue (71%)



- Red (0%)
- Yellow (58%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (1%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0486, 72.9161, 54.9853 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 43.0486, 72.9161, 54.9853 by changing the saturation by 10% instead.


 43.0486, 72.9161,
54.9853


 43.0486, 72.9161,
54.9853


349.7297,
470.7240, 423.1366


 30.1179, 53.9074,
38.9914


 79.0394, 123.3581,
98.9904

 20.0766, 38.5276,
26.4453


 102.8303,
155.5601, 127.8386


 12.5594, 26.3924,
16.9283


 130.9720,
192.9287, 161.8088

 7.2007, 17.1175,
10.0220

 163.8299,
235.8483, 201.3193

 3.6354, 10.3183,
5.3077

 201.7692,
284.7032, 246.7888

 1.4980, 5.6105,
2.3670

245.1554,

 0.3245, 2.6097,

339.8779, 298.6359

0.7684

294.3538,
401.7567, 357.2789

■ 0.0000, 0.9315,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.0486, 72.9161,
54.9853

■ 43.0486, 72.9161,
54.9853

■ 43.0492, 72.9184,
54.9820

■ 44.2098, 73.4296,
58.9712

■ 45.9317, 74.2258,
63.1836

■ 48.3772, 75.3905,
67.6347

■ 51.6447, 76.9744,
72.3318

■ 55.8167, 79.0199,
77.2816

■ 60.9654, 81.5642,
82.4901

■ 67.1554, 84.6406,
87.9630

■ 74.4460, 88.2794,
93.7057

■ 82.8915, 92.5088,
99.7232

Harmonies

Analogous

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



49.8428, 72.9161, 29.2312



43.0486, 72.9161, 54.9853



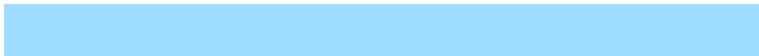
42.5381, 72.9161, 101.0314

Triad

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



43.0486, 72.9161, 54.9853



76.4972, 72.9161, 206.5682



95.6332, 72.9161, 32.1533

Complementary

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



43.0486, 72.9161, 54.9853



41.3175, 21.1653, 8.0444

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.



105.4468, 72.9161, 61.0887



43.0486, 72.9161, 54.9853



93.2689, 72.9161, 167.7798

Square

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



43.0486, 72.9161, 54.9853



60.1549, 72.9161, 202.7773



104.5181, 72.9161, 110.1283



79.3380, 72.9161, 20.1440

Rectangle

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



43.0486, 72.9161, 54.9853



45.6913, 72.9161, 139.6070



104.5181, 72.9161, 110.1283



99.9083, 72.9161, 39.5914

Sweetspot

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



43.0505, 72.9190, 54.9870



68.9630, 86.9354, 90.3410



37.7626, 71.1446, 11.7429



14.1583, 18.3078, 18.8219



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.



43.0505, 72.9190, 54.9870



44.2172, 74.9029, 56.4551



38.6008, 49.0869, 99.5391



17.5419, 19.5190, 21.0544



22.4907, 38.0093, 28.9910



2.1287, 3.5386, 2.9254

Inverse Universe

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



41.3175, 21.1653, 8.0444



42.4382, 21.7393, 8.2396



41.3055, 23.0142, 2.2661



17.4485, 17.3068, 18.9517



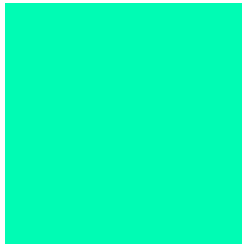
21.5759, 11.0461, 4.4753



2.0418, 1.0405, 0.6438

Previews

White Background



This preview shows how the XYZ color 43.0486, 72.9161, 54.9853 looks on a white background.

Color Contrast Check

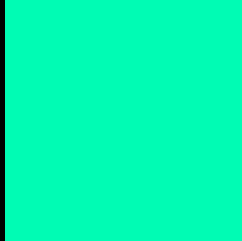
Large Text (above 18pt) WCAG AA × Fail

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 43.0486, 72.9161, 54.9853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

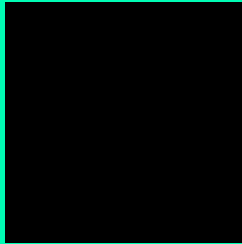
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0486, 72.9161, 54.9853

Background



This preview shows how black text looks on a background with the XYZ color 43.0486, 72.9161, 54.9853.

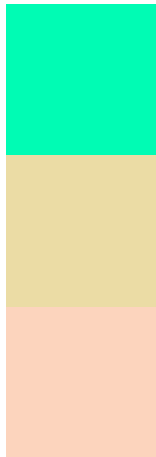


This preview shows how white text looks on a background with the XYZ color 43.0486, 72.9161,

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

43.0486, 72.9161, 54.9853

Protanopia

66.6457, 71.5652, 45.8982

Deuteranopia

72.8737, 71.4565, 58.0957



Tritanopia

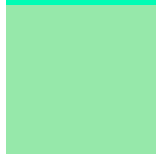
56.3703, 72.3621, 105.6040

Trichromacy



Original Color

43.0486, 72.9161, 54.9853



Protanomaly

48.6900, 67.0995, 48.4155



Deuteranomaly

50.8292, 65.9569, 56.5064



Tritanomaly

49.0347, 71.2391, 84.5649

Monochromacy



Original Color

43.0486, 72.9161, 54.9853



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

33.9332, 46.9512, 46.3037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0486, 72.9161, 54.9853 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(0, 252, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 252, 180) }
```

Border

The CSS property to change the border of an element to XYZ 43.0486, 72.9161, 54.9853 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, 180) }
```


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

```
.border{ border-color:rgb(0, 252, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 252, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 252, 180);  
box-shadow:4px 4px 4px 4px rgb(0, 252,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0486, 72.9161, 54.9853 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, 180) }
```

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

```
.background{ background-color: rgb(0, 252,  
180) }
```

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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