

Converting Colors

XYZ(43.4621, 73.0815, 57.1629)

Have a look what the booklet for
XYZ(43.4621, 73.0815, 57.1629)
contains.

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Color

**XYZ(43.4621, 73.0815,
57.1629)**

Conversions

Conversions Part 1

Format	Color
Hex	00FCB8
RGB	0, 252, 184
RGB Percent	0%, 99%, 72%
CMY	0.9999, 0.0117, 0.2784
CMYK	1.00, 0.00, 0.27, 0.01
HSL	164°, 100%, 49%
HSV	164°, 100%, 99%
XYZ	43.4621, 73.0815, 57.1629
YIQ	168.9000, -128.3640, -74.5720

Conversions

Conversions Part 2

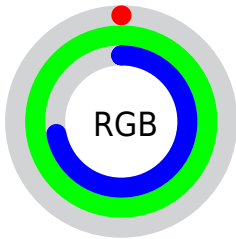
Format	Color
RYB	0, 146, 252
Decimal	64696
CIELab	88.49, -65.17, 18.81
CIELCh	88, 67.826, 163.902
Yxy	73.0815, 0.2502, 0.4207
Android (android.graphics.Color)	4278254776 (0xFF00FCB8)
YUV	168.9000, 7.4443, -148.1253
Hunter-Lab	85.4877, -58.8538, 20.1961

Details

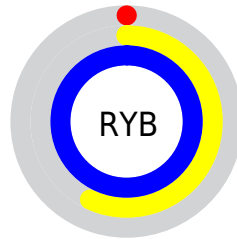
The XYZ color **43.4621, 73.0815, 57.1629** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **41.1911, 21.1147, 7.3788**, and the grayscale version is **37.6781, 39.6403, 43.1683**.

A 20% lighter version of the original color is **58.5584, 81.4561, 95.0743**, and **23.3885, 40.2223, 28.0037** is the 20% darker color. If you saturate the color by 10%, you get **43.4628, 73.0838, 57.1598**, and if you desaturate by 10%, it is **44.6007, 73.5859, 61.0297**.

Distribution



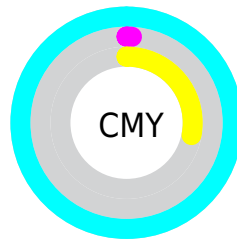
- Red (0%)
- Green (99%)
- Blue (72%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (1%)



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

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4621, 73.0815, 57.1629 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 43.4621, 73.0815, 57.1629 by changing the saturation by 10% instead.


 43.4621, 73.0815,
57.1629


 43.4621, 73.0815,
57.1629


351.3981,
471.2972, 431.5703


 30.4439, 54.0426,
40.7258


 79.6591, 123.5929,
102.2055

 20.3255, 38.6357,
27.7868


 103.5686,
155.8342, 131.6482


 12.7415, 26.4765,
17.9274


 131.8394,
193.2451, 166.2630

 7.3266, 17.1804,
10.7290

 164.8366,
236.2100, 206.4687

 3.7153, 10.3632,
5.7730

 202.9258,
285.1132, 252.6838

 1.5424, 5.6404,
2.6410


246.4722,

 0.3544, 2.6277,


340.3393, 305.3267


0.9135


295.8412,
402.2725, 364.8160


 0.0000, 0.9406,
0.0000


 0.0000, 0.0000,
0.0000


 43.4621, 73.0815,
57.1629


 43.4621, 73.0815,
57.1629

 43.4628, 73.0838,
57.1598

 44.6007, 73.5859,
61.0297

 46.2960, 74.3715,
65.1023

 48.7109, 75.5240,
69.3923

 51.9437, 77.0940,
73.9068

■ 56.0768, 79.1239,
78.6518

■ 61.1823, 81.6510,
83.6329

■ 67.3248, 84.7083,
88.8555

■ 74.5633, 88.3263,
94.3244

■ 82.9523, 92.5331,
100.0444

Harmonies

Analogous

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



49.8937, 73.0815, 30.7931



43.4621, 73.0815, 57.1629



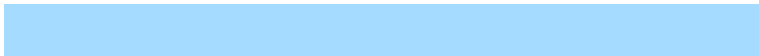
43.2347, 73.0815, 103.1794

Triad

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



43.4621, 73.0815, 57.1629



77.2778, 73.0815, 202.5880



94.6163, 73.0815, 32.1050

Complementary

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



43.4621, 73.0815, 57.1629



41.1911, 21.1147, 7.3788

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.



104.5956, 73.0815, 59.8739



43.4621, 73.0815, 57.1629



93.5749, 73.0815, 163.4891

Square

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



43.4621, 73.0815, 57.1629



61.1182, 73.0815, 200.9300



104.1871, 73.0815, 107.1872



78.5321, 73.0815, 20.6905

Rectangle

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



43.4621, 73.0815, 57.1629



46.5345, 73.0815, 140.9689



104.1871, 73.0815, 107.1872



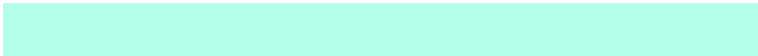
98.9007, 73.0815, 39.2328

Sweetspot

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



43.4641, 73.0844, 57.1646



69.1373, 87.0051, 91.2588



37.4416, 70.9791, 11.7279



14.2001, 18.3246, 19.0422



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

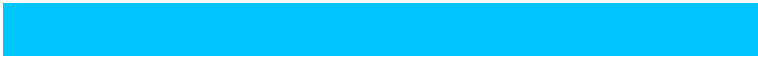
The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.4641, 73.0844, 57.1646



44.6422, 75.0729, 58.6930



37.6313, 47.1478, 99.2159



17.5542, 19.5239, 21.1188



22.7042, 38.0947, 30.1154



2.1470, 3.5459, 3.0221

Inverse Universe

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



41.1911, 21.1147, 7.3788



42.3086, 21.6874, 7.5570



41.4950, 23.3933, 2.3292



17.4370, 17.3022, 18.8909



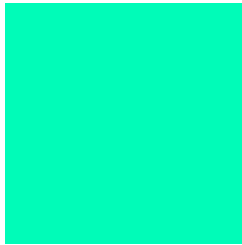
21.5078, 11.0189, 4.1167



2.0342, 1.0374, 0.6037

Previews

White Background



This preview shows how the XYZ color 43.4621, 73.0815, 57.1629 looks on a white background.

Color Contrast Check

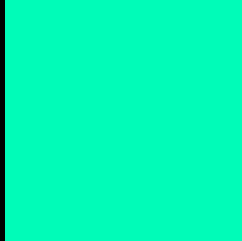
Large Text (above 18pt) WCAG AA × Fail

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 43.4621, 73.0815, 57.1629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

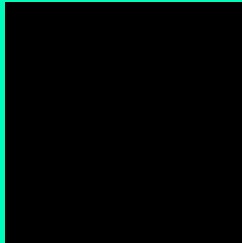
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4621, 73.0815, 57.1629

Background



This preview shows how black text looks on a background with the XYZ color 43.4621, 73.0815, 57.1629.

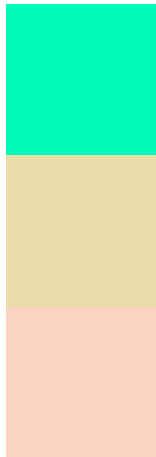


This preview shows how white text looks on a background with the XYZ color 43.4621, 73.0815,

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

43.4621, 73.0815, 57.1629

Protanopia

67.0156, 71.7131, 47.8460

Deuteranopia

72.9528, 71.4465, 60.3976



Tritanopia

56.5097, 72.4340, 105.6105

Trichromacy



Original Color

43.4621, 73.0815, 57.1629



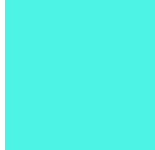
Protanomaly

49.0743, 67.2532, 50.4391



Deuteranomaly

51.2606, 66.1295, 58.7777



Tritanomaly

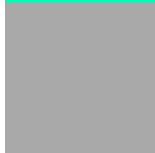
49.2540, 71.3361, 85.3020

Monochromacy



Original Color

43.4621, 73.0815, 57.1629



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 43.4621, 73.0815, 57.1629 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(0, 252, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 252, 184) }
```

Border

The CSS property to change the border of an element to XYZ 43.4621, 73.0815, 57.1629 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, 184) }
```


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

```
.border{ border-color:rgb(0, 252, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 252, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 252, 184);  
box-shadow:4px 4px 4px 4px rgb(0, 252,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4621, 73.0815, 57.1629 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, 184) }
```

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

```
.background{ background-color: rgb(0, 252,  
184) }
```

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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