

Converting Colors

XYZ(43.0749, 74.1641, 48.8890)

Have a look what the booklet for
XYZ(43.0749, 74.1641, 48.8890)
contains.

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Color

**XYZ(43.0164, 73.9720,
49.0566)**

Conversions

Conversions Part 1

Format	Color
Hex	1DFEA8
RGB	29, 254, 168
RGB Percent	11%, 100%, 66%
CMY	0.8862, 0.0039, 0.3412
CMYK	0.89, 0.00, 0.34, 0.00
HSL	157°, 99%, 55%
HSV	157°, 89%, 100%
XYZ	43.0164, 73.9720, 49.0566
YIQ	176.9210, -106.4940, -74.4460

Conversions

Conversions Part 2

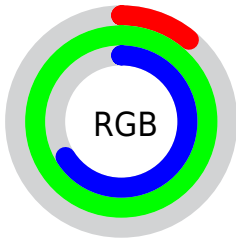
Format	Color
RYB	29, 168, 254
Decimal	1965736
CIELab	88.91, -68.31, 27.55
CIELCh	89, 73.657, 158.032
Yxy	73.9720, 0.2591, 0.4455
Android (android.graphics.Color)	4280155816 (0xFF1DFEA8)
YUV	176.9210, -4.3981, -129.7267
Hunter-Lab	86.0070, -61.2354, 26.3871

Details

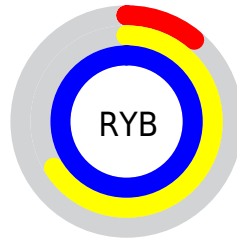
The XYZ color **43.0164, 73.9720, 49.0566** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **44.4097, 23.1892, 18.3595**, and the grayscale version is **41.8140, 43.9916, 47.9068**.

A 20% lighter version of the original color is **57.0997, 80.9668, 83.1397**, and **22.8344, 40.7177, 22.8755** is the 20% darker color. If you saturate the color by 10%, you get **41.6852, 73.3883, 44.4486**, and if you desaturate by 10%, it is **44.9937, 74.8848, 54.0507**.

Distribution



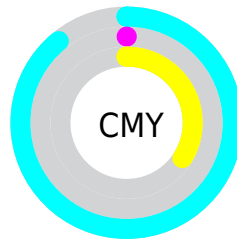
- Red (11%)
- Green (100%)
- Blue (66%)



- Red (11%)
- Yellow (66%)
- Blue (100%)



- Cyan (89%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)




- Cyan (89%)
- Magenta (0%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0164, 73.9720, 49.0566 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 43.0164, 73.9720, 49.0566 by changing the saturation by 10% instead.


 43.0164, 73.9720,
49.0566


 43.0164, 73.9720,
49.0566


349.5996,
474.3767, 399.5940

 30.0926, 54.7711,
34.2985


 78.9912, 124.8561,
90.1574


 20.0573, 39.2185,
22.8438


 102.7728,
157.3081, 117.3371


 12.5452, 26.9298,
14.2740


 130.9044,
194.9460, 149.4944

 7.1909, 17.5205,
8.1705

 163.7514,
238.1541, 187.0479

 3.6292, 10.6063,
4.1149

 201.6790,
287.3168, 230.4160

 1.4946, 5.8027,
1.6886

245.0527,

 0.3221, 2.7255,

342.8186, 280.0174

0.3529

294.2377,
405.0437, 336.2705

■ 0.0000, 0.9902,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.0164, 73.9720,
49.0566

■ 43.0164, 73.9720,
49.0566

■ 41.6852, 73.3883,
44.4486

■ 44.9937, 74.8848,
54.0507

■ 41.5215, 73.3176,
43.8224

■ 47.7505, 76.1896,
59.4397

■ 51.3871, 77.9397,
65.2370

■ 55.9865, 80.1780,
71.4536

61.6222, 82.9420,
78.0997

68.3597, 86.2655,
85.1850

76.2595, 90.1794,
92.7187

85.3771, 94.7123,
100.7098

94.7331, 99.3663,
108.7944

Harmonies

Analogous

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



51.1939, 73.9720, 25.2410



43.0164, 73.9720, 49.0566



41.4801, 73.9720, 95.0887

Triad

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



43.0164, 73.9720, 49.0566



75.2189, 73.9720, 222.5415



100.9908, 73.9720, 33.8582

Complementary

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



43.0164, 73.9720, 49.0566



44.4097, 23.1892, 18.3595

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.



110.1105, 73.9720, 67.5618



43.0164, 73.9720, 49.0566



93.6710, 73.9720, 185.5641

Square

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



43.0164, 73.9720, 49.0566



58.2228, 73.9720, 210.5951



107.2264, 73.9720, 123.2440



83.9599, 73.9720, 19.4143

Rectangle

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



43.0164, 73.9720, 49.0566



44.1329, 73.9720, 136.2003



107.2264, 73.9720, 123.2440



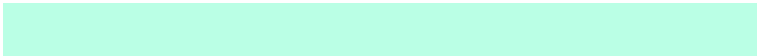
105.2041, 73.9720, 42.5854

Sweetspot

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



43.0183, 73.9749, 49.0583



70.1447, 87.6173, 87.1113



42.7695, 74.6375, 13.3156



14.4759, 18.4878, 18.1069



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

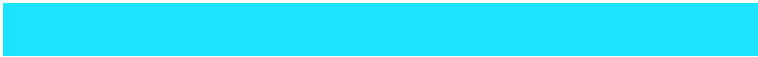
The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.0183, 73.9749, 49.0583



41.8909, 73.9724, 44.2051



46.0733, 62.7697, 103.4569



18.2433, 20.3569, 21.5842



21.9640, 38.6822, 23.4937



2.1919, 3.7877, 2.5684

Inverse Universe

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



44.4097, 23.1892, 18.3595



43.4198, 22.1319, 13.4085



42.4752, 23.9178, 3.5412



18.2967, 18.1020, 20.1795



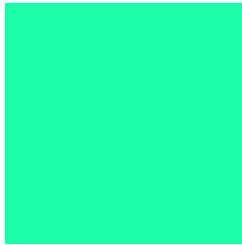
22.7549, 11.5912, 7.3595



2.2669, 1.1491, 0.9867

Previews

White Background



This preview shows how the XYZ color 43.0164, 73.9720, 49.0566 looks on a white background.

Color Contrast Check

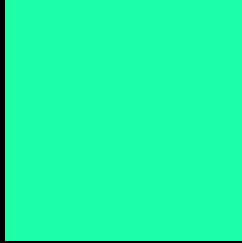
Large Text (above 18pt) WCAG AA × Fail

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 43.0164, 73.9720, 49.0566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

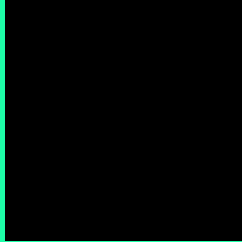
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

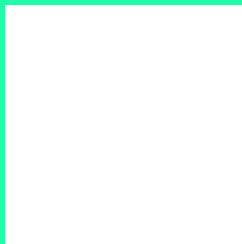
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.0164, 73.9720, 49.0566

Background



This preview shows how black text looks on a background with the XYZ color 43.0164, 73.9720, 49.0566.

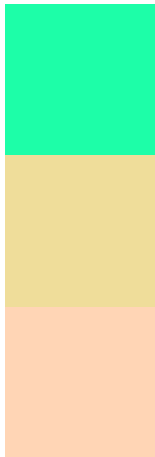


This preview shows how white text looks on a background with the XYZ color 43.0164, 73.9720,

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

43.0164, 73.9720, 49.0566

Protanopia

67.2858, 72.3967, 40.9995

Deuteranopia

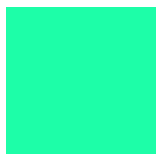
73.3747, 72.1847, 53.7818



Tritanopia

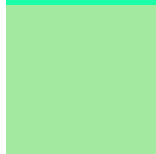
57.9698, 73.6201, 105.7625

Trichromacy



Original Color

43.0164, 73.9720, 49.0566



Protanomaly

50.5012, 68.5676, 43.3741



Deuteranomaly

52.8135, 67.5056, 51.3206



Tritanomaly

50.1842, 72.3562, 81.1332

Monochromacy



Original Color

43.0164, 73.9720, 49.0566



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

37.6397, 50.9296, 47.8910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0164, 73.9720, 49.0566 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(29, 254, 168)` looks like.

```
.text, #text, p{  
    color:rgb(29, 254, 168)  
}
```

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(29, 254, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 254, 168) }
```

Border

The CSS property to change the border of an element to XYZ 43.0164, 73.9720, 49.0566 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(29, 254, 168) }
```


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

```
.border{ border-color:rgb(29, 254, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 254, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 254, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 254, 168);  
box-shadow:4px 4px 4px 4px rgb(29, 254,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0164, 73.9720, 49.0566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 254, 168) }
```

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

```
.background{ background-color: rgb(29, 254,  
168) }
```

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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