

Converting Colors

XYZ(43.6262, 74.1641, 55.2808)

Have a look what the booklet for
XYZ(43.6262, 74.1641, 55.2808)
contains.

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Color

**XYZ(43.6800, 74.1789,
55.1958)**

Conversions

Conversions Part 1

Format	Color
Hex	00FEB4
RGB	0, 254, 180
RGB Percent	0%, 100%, 71%
CMY	0.9999, 0.0039, 0.2941
CMYK	1.00, 0.00, 0.29, 0.00
HSL	163°, 100%, 50%
HSV	163°, 100%, 100%
XYZ	43.6800, 74.1789, 55.1958
YIQ	169.6180, -127.6300, -76.8620

Conversions

Conversions Part 2

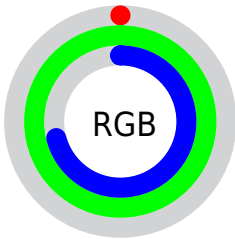
Format	Color
RYB	0, 149, 254
Decimal	65204
CIELab	89.01, -66.77, 21.58
CIELCh	89, 70.166, 162.091
Yxy	74.1789, 0.2524, 0.4286
Android (android.graphics.Color)	4278255284 (0xFF00FEB4)
YUV	169.6180, 5.1183, -148.7550
Hunter-Lab	86.1272, -60.1950, 22.2922

Details

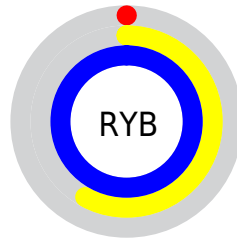
The XYZ color **43.6800, 74.1789, 55.1958** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **42.1121, 21.5672, 8.4279**, and the grayscale version is **38.0449, 40.0262, 43.5886**.

A 20% lighter version of the original color is **58.1028, 81.2891, 91.9849**, and **23.5707, 41.0122, 26.7525** is the 20% darker color. If you saturate the color by 10%, you get **43.6806, 74.1812, 55.1925**, and if you desaturate by 10%, it is **44.8677, 74.7036, 59.2950**.

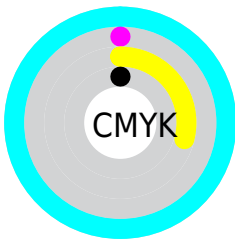
Distribution



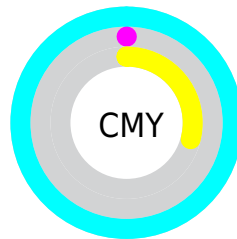
- Red (0%)
- Green (100%)
- Blue (71%)



- Red (0%)
- Yellow (58%)
- Blue (100%)



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6800, 74.1789, 55.1958 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 43.6800, 74.1789, 55.1958 by changing the saturation by 10% instead.


 43.6800, 74.1789,
55.1958


 43.6800, 74.1789,
55.1958


352.2751,
475.0906, 423.9566


 30.6158, 54.9405,
39.1588


 79.9853, 125.1494,
99.3018


 20.4569, 39.3541,
26.5745


 103.9572,
157.6502, 128.2079


 12.8378, 27.0353,
17.0243


 132.2958,
195.3407, 162.2409

 7.3932, 17.5997,
10.0897

 165.3662,
238.6051, 201.8191

 3.7577, 10.6630,
5.3521

 203.5341,
287.8279, 247.3613

 1.5660, 5.8407,
2.3930

247.1646,

 0.3701, 2.7485,

343.3935, 299.2859

0.7826

296.6232,
405.6863, 358.0115

■ 0.0000, 1.0019,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.6800, 74.1789,
55.1958

■ 43.6800, 74.1789,
55.1958

■ 43.6806, 74.1812,
55.1925

■ 44.8677, 74.7036,
59.2950

■ 46.6282, 75.5170,
63.6327

■ 49.1272, 76.7063,
68.2214

■ 52.4651, 78.3232,
73.0689

■ 56.7260, 80.4111,
78.1822

■ 61.9836, 83.0077,
83.5674

■ 68.3039, 86.1471,
89.2307

■ 75.7471, 89.8603,
95.1776

■ 84.3689, 94.1759,
101.4134

Harmonies

Analogous

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



50.7303, 74.1789, 29.2018



43.6800, 74.1789, 55.1958



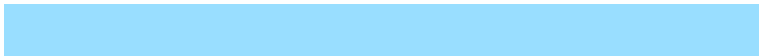
43.0570, 74.1789, 102.0786

Triad

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



43.6800, 74.1789, 55.1958



77.5986, 74.1789, 211.7865



97.7441, 74.1789, 32.7577

Complementary

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



43.6800, 74.1789, 55.1958



42.1121, 21.5672, 8.4279

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.



107.6730, 74.1789, 62.6515



43.6800, 74.1789, 55.1958



94.8473, 74.1789, 172.4188

Square

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



43.6800, 74.1789, 55.1958



60.8948, 74.1789, 207.1300



106.5347, 74.1789, 113.2236



81.0762, 74.1789, 20.3132

Rectangle

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



43.6800, 74.1789, 55.1958



46.2139, 74.1789, 141.6353



106.5347, 74.1789, 113.2236



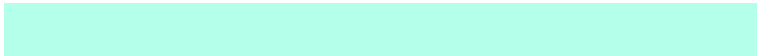
102.0928, 74.1789, 40.4455

Sweetspot

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



43.6820, 74.1818, 55.1975



68.9016, 86.9108, 90.0175



38.4416, 72.4320, 11.9556



14.1435, 18.3020, 18.7443



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.



43.6820, 74.1818, 55.1975



44.0696, 74.8438, 55.6777



39.2960, 49.9672, 101.3429



18.3160, 20.3859, 21.9671



23.0955, 39.1348, 29.4521



2.2964, 3.8295, 3.1184

Inverse Universe

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



42.1121, 21.5672, 8.4279



42.4862, 21.7585, 8.4924



42.0510, 23.4242, 2.3059



18.2270, 18.0741, 19.8128



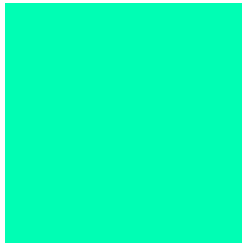
22.2559, 11.3917, 4.7321



2.2121, 1.1272, 0.6982

Previews

White Background



This preview shows how the XYZ color 43.6800, 74.1789, 55.1958 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 43.6800, 74.1789, 55.1958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

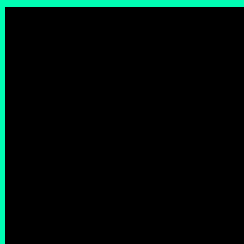
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6800, 74.1789, 55.1958

Background



This preview shows how black text looks on a background with the XYZ color 43.6800, 74.1789, 55.1958.

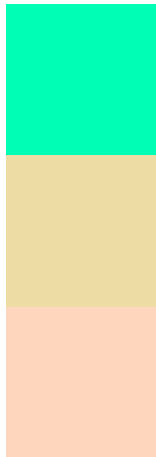


This preview shows how white text looks on a background with the XYZ color 43.6800, 74.1789,

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

43.6800, 74.1789, 55.1958

Protanopia

67.5730, 72.4340, 46.0170

Deuteranopia

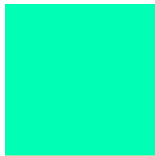
73.8526, 72.3335, 58.2134



Tritanopia

57.9698, 73.6201, 105.7625

Trichromacy



Original Color

43.6800, 74.1789, 55.1958



Protanomaly

49.1571, 67.7594, 48.5182



Deuteranomaly

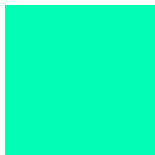
51.5066, 66.7134, 56.6167



Tritanomaly

49.8339, 72.0966, 84.6883

Monochromacy



Original Color

43.6800, 74.1789, 55.1958



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

34.7110, 48.0174, 47.4832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6800, 74.1789, 55.1958 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, 254, 180)` looks like.

```
.text, #text, p{  
    color:rgb(0, 254, 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, 254, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 254, 180) }
```

Border

The CSS property to change the border of an element to XYZ 43.6800, 74.1789, 55.1958 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, 254, 180) }
```


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

```
.border{ border-color:rgb(0, 254, 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, 254, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 254, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 254, 180);  
box-shadow:4px 4px 4px 4px rgb(0, 254,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6800, 74.1789, 55.1958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 254, 180) }
```

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

```
.background{ background-color: rgb(0, 254,  
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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