

Converting Colors

XYZ(44.1998, 74.9063, 55.8963)

Have a look what the booklet for
XYZ(44.1998, 74.9063, 55.8963)
contains.

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Color

**XYZ(44.1881, 74.9014,
55.8445)**

Conversions

Conversions Part 1

Format	Color
Hex	07FFB5
RGB	7, 255, 181
RGB Percent	3%, 100%, 71%
CMY	0.9724, 0.0000, 0.2902
CMYK	0.97, 0.00, 0.29, 0.00
HSL	162°, 100%, 51%
HSV	162°, 97%, 100%
XYZ	44.1881, 74.9014, 55.8445
YIQ	172.4120, -124.0540, -75.5900

Conversions

Conversions Part 2

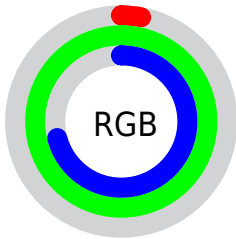
Format	Color
RYB	7, 153, 255
Decimal	524213
CIELab	89.35, -66.74, 21.54
CIELCh	89, 70.131, 162.113
Yxy	74.9014, 0.2526, 0.4282
Android (android.graphics.Color)	4278714293 (0xFF07FFB5)
YUV	172.4120, 4.2339, -145.0663
Hunter-Lab	86.5456, -60.3170, 22.3244

Details

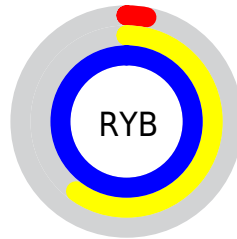
The XYZ color **44.1881, 74.9014, 55.8445** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **42.8027, 22.0072, 9.7824**, and the grayscale version is **39.4504, 41.5049, 45.1988**.

A 20% lighter version of the original color is **58.3822, 81.4163, 92.7586**, and **23.8625, 41.4910, 27.1730** is the 20% darker color. If you saturate the color by 10%, you get **43.8869, 74.7708, 54.7159**, and if you desaturate by 10%, it is **45.5156, 75.4930, 60.0963**.

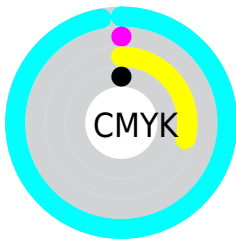
Distribution



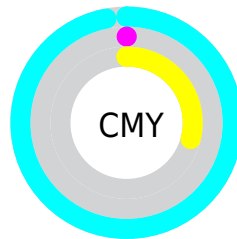
- Red (3%)
- Green (100%)
- Blue (71%)



- Red (3%)
- Yellow (60%)
- Blue (100%)



- Cyan (97%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (97%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.1881, 74.9014, 55.8445 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 44.1881, 74.9014, 55.8445 by changing the saturation by 10% instead.

 44.1881, 74.9014,
55.8445

 44.1881, 74.9014,
55.8445


354.3146,
477.5786, 426.4771


 31.0170, 55.5321,
39.6751


 80.7453, 126.1728,
100.2607


 20.7637, 39.8279,
26.9735


 104.8621,
158.8437, 129.3446

 13.0628, 27.4044,
17.3210

 133.3581,
196.7172, 163.5704

 7.5491, 17.8772,
10.2993

 166.5988,
240.1778, 203.3567

 3.8572, 10.8618,
5.4896

 204.9494,
289.6098, 249.1219

 1.6217, 5.9740,
2.4736

248.7753,

 0.4065, 2.8293,

345.3977, 301.2847

0.8261

298.4419,
407.9259, 360.2636

■ 0.0000, 1.0433,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 44.1881, 74.9014,
55.8445

■ 44.1881, 74.9014,
55.8445

■ 43.8869, 74.7708,
54.7159

■ 45.5156, 75.4930,
60.0963

■ 47.4959, 76.4161,
64.6034

■ 50.2533, 77.7349,
69.3764

■ 53.8839, 79.4986,
74.4230

■ 58.4695, 81.7493,
79.7502

■ 64.0820, 84.5242,
85.3647

■ 70.7864, 87.8567,
91.2724

■ 78.6422, 91.7773,
97.4793

■ 87.7044, 96.3143,
103.9909

Harmonies

Analogous

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



51.2834, 74.9014, 29.6320



44.1881, 74.9014, 55.8445



43.5653, 74.9014, 103.0275

Triad

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



44.1881, 74.9014, 55.8445



78.3399, 74.9014, 213.1778



98.5718, 74.9014, 33.1921

Complementary

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



44.1881, 74.9014, 55.8445



42.8027, 22.0072, 9.7824

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.



108.5582, 74.9014, 63.2945



44.1881, 74.9014, 55.8445



95.6816, 74.9014, 173.6233

Square

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



44.1881, 74.9014, 55.8445



61.5332, 74.9014, 208.5381



107.4228, 74.9014, 114.1473



81.8111, 74.9014, 20.6411

Rectangle

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



44.1881, 74.9014, 55.8445



46.7480, 74.9014, 142.7861



107.4228, 74.9014, 114.1473



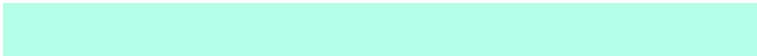
102.9447, 74.9014, 40.9388

Sweetspot

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



44.1888, 74.9017, 55.8458



69.5261, 87.2291, 90.2124



39.2282, 73.3035, 12.2834



14.2581, 18.3606, 18.7668



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

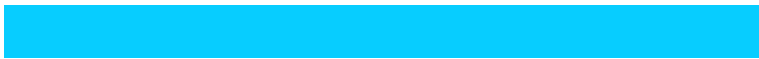
The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.1888, 74.9017, 55.8458



43.8869, 74.7708, 54.7159



40.0667, 51.1228, 102.3637



18.3103, 20.3837, 21.9373



23.0009, 39.0969, 28.9535



2.2877, 3.8260, 3.0730

Inverse Universe

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



42.8027, 22.0072, 9.7824



42.5479, 21.7831, 8.8171



42.7232, 24.1648, 2.6145



18.2324, 18.0763, 19.8410



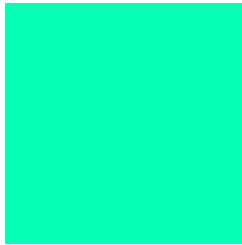
22.2891, 11.4049, 4.9070



2.2159, 1.1287, 0.7182

Previews

White Background



This preview shows how the XYZ color 44.1881, 74.9014, 55.8445 looks on a white background.

Color Contrast Check

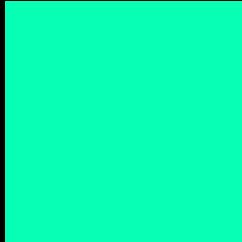
Large Text (above 18pt) WCAG AA × Fail

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 44.1881, 74.9014, 55.8445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

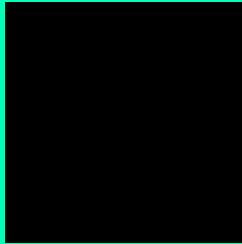
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

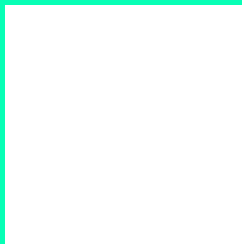
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.1881, 74.9014, 55.8445

Background



This preview shows how black text looks on a background with the XYZ color 44.1881, 74.9014, 55.8445.



This preview shows how white text looks on a background with the XYZ color 44.1881, 74.9014,

Color Blindness Simulation

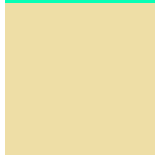
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



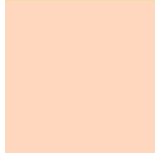
Original Color

44.1881, 74.9014, 55.8445



Protanopia

68.2641, 73.1729, 46.6023



Deuteranopia

74.5808, 73.0708, 58.8884



Tritanopia

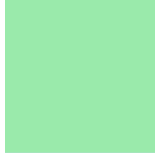
58.7480, 74.0213, 105.7989

Trichromacy



Original Color

44.1881, 74.9014, 55.8445



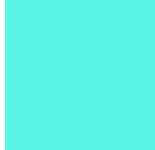
Protanomaly

50.0999, 68.6559, 49.1395



Deuteranomaly

52.5060, 67.6258, 57.2994



Tritanomaly

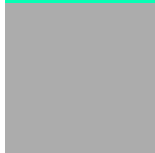
50.6805, 72.9810, 84.8144

Monochromacy



Original Color

44.1881, 74.9014, 55.8445



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

35.5405, 48.7809, 48.0999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1881, 74.9014, 55.8445 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(7, 255, 181)` looks like.

```
.text, #text, p{  
    color:rgb(7, 255, 181)  
}
```

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(7, 255, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 255, 181) }
```

Border

The CSS property to change the border of an element to XYZ 44.1881, 74.9014, 55.8445 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(7, 255, 181) }
```


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

```
.border{ border-color:rgb(7, 255, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 255, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(7, 255,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1881, 74.9014, 55.8445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 255, 181) }
```

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

```
.background{ background-color: rgb(7, 255,  
181) }
```

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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