

Converting Colors

XYZ(43.4338, 74.7472, 45.2042)

Have a look what the booklet for
XYZ(43.4338, 74.7472, 45.2042)
contains.

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Color

**XYZ(43.4704, 74.7619,
45.3971)**

Conversions

Conversions Part 1

Format	Color
Hex	33FFA0
RGB	51, 255, 160
RGB Percent	20%, 100%, 63%
CMY	0.8000, 0.0000, 0.3725
CMYK	0.80, 0.00, 0.37, 0.00
HSL	152°, 100%, 60%
HSV	152°, 80%, 100%
XYZ	43.4704, 74.7619, 45.3971
YIQ	183.1740, -91.0890, -72.7930

Conversions

Conversions Part 2

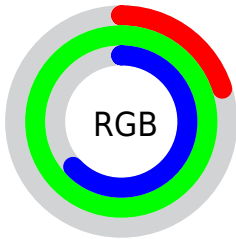
Format	Color
RYB	51, 184, 255
Decimal	3407776
CIELab	89.28, -68.57, 32.11
CIELCh	89, 75.712, 154.908
Yxy	74.7619, 0.2657, 0.4569
Android (android.graphics.Color)	4281597856 (0xFF33FFA0)
YUV	183.1740, -11.4248, -115.9166
Hunter-Lab	86.4650, -61.5725, 29.3962

Details

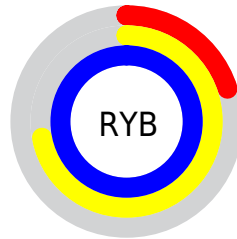
The XYZ color **43.4704, 74.7619, 45.3971** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **47.6126, 25.7036, 29.6472**, and the grayscale version is **45.2024, 47.5565, 51.7890**.

A 20% lighter version of the original color is **57.2317, 81.1721, 76.9413**, and **22.6730, 41.0152, 20.9091** is the 20% darker color. If you saturate the color by 10%, you get **41.5289, 73.8753, 40.1406**, and if you desaturate by 10%, it is **46.2155, 76.0512, 51.2117**.

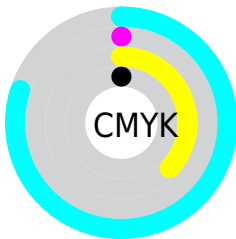
Distribution



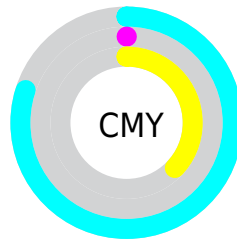
- Red (20%)
- Green (100%)
- Blue (63%)



- Red (20%)
- Yellow (72%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (37%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4704, 74.7619, 45.3971 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 43.4704, 74.7619, 45.3971 by changing the saturation by 10% instead.

 43.4704, 74.7619,
45.3971


 43.4704, 74.7619,
45.3971


351.4315,
477.0988, 384.5864


 30.4505, 55.4179,
31.4251


 79.6715, 125.9753,
84.6407


 20.3305, 39.7364,
20.6616


 103.5835,
158.6134, 110.7495

 12.7452, 27.3331,
12.6880

 131.8568,
196.4516, 141.7408

 7.3291, 17.8235,
7.0859

 164.8568,
239.8744, 178.0334

 3.7169, 10.8234,
3.4366

202.9490,
289.2661, 220.0457

 1.5433, 5.9482,
1.3217

246.4986,

 0.3550, 2.8136,

345.0112, 268.1963

0.0794

295.8710,
407.4939, 322.9036

■ 0.0000, 1.0352,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.4704, 74.7619,
45.3971

■ 43.4704, 74.7619,
45.3971

■ 41.5289, 73.8753,
40.1406

■ 46.2155, 76.0512,
51.2117

■ 40.2220, 73.3048,
35.4162

■ 49.8660, 77.7955,
57.5995

■ 40.2217, 73.3047,
35.4152

■ 54.5094, 80.0396,
64.5789

■ 60.2220, 82.8225,
72.1666

■ 67.0724, 86.1793,
80.3780

■ 75.1230, 90.1420,
89.2283

■ 84.4317, 94.7401,
98.7318

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



52.5869, 74.7619, 23.1852



43.4704, 74.7619, 45.3971



41.1868, 74.7619, 90.4328

Triad

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



43.4704, 74.7619, 45.3971



74.1457, 74.7619, 230.9076



104.3989, 74.7619, 35.9186

Complementary

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



43.4704, 74.7619, 45.3971



47.6126, 25.7036, 29.6472

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.



112.7122, 74.7619, 72.9952



43.4704, 74.7619, 45.3971



93.4176, 74.7619, 196.7662

Square

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



43.4704, 74.7619, 45.3971



57.0181, 74.7619, 212.8842



108.3812, 74.7619, 132.6900



87.2340, 74.7619, 19.6134

Rectangle

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



43.4704, 74.7619, 45.3971



43.4357, 74.7619, 132.2807



108.3812, 74.7619, 132.6900



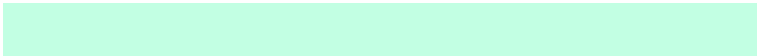
108.4450, 74.7619, 45.5978

Sweetspot

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



43.4709, 74.7621, 45.3984



71.7530, 88.4814, 85.6086



48.2479, 77.8887, 15.6237



14.7516, 18.6402, 17.6527



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.



43.4709, 74.7621, 45.3984



40.6954, 73.5089, 37.2431



53.0445, 75.1819, 106.3236



18.1773, 20.3305, 21.2367



21.0930, 38.3338, 18.9066



2.1090, 3.7545, 2.1316

Inverse Universe

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



47.6126, 25.7036, 29.6472



45.0015, 22.9417, 21.1915



43.3409, 24.5056, 5.5784



18.3614, 18.1279, 20.5201



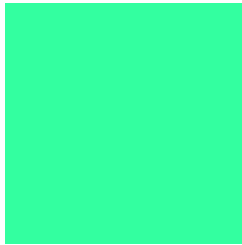
23.3546, 11.8311, 10.5177



2.3285, 1.1738, 1.3113

Previews

White Background



This preview shows how the XYZ color 43.4704, 74.7619, 45.3971 looks on a white background.

Color Contrast Check

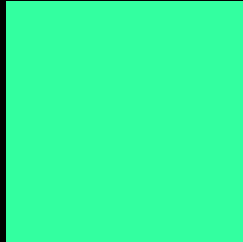
Large Text (above 18pt) WCAG AA × Fail

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 43.4704, 74.7619, 45.3971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

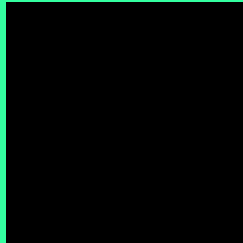
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

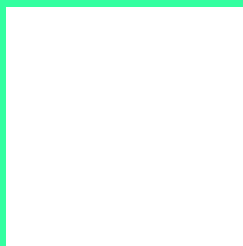
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4704, 74.7619, 45.3971

Background



This preview shows how black text looks on a background with the XYZ color 43.4704, 74.7619, 45.3971.

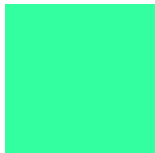


This preview shows how white text looks on a background with the XYZ color 43.4704, 74.7619,

Color Blindness Simulation

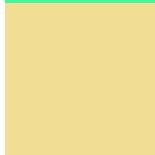
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



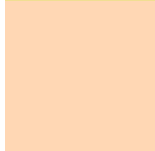
Original Color

43.4704, 74.7619, 45.3971



Protanopia

67.5852, 73.0186, 37.7260



Deuteranopia

73.7787, 73.1562, 53.4120



Tritanopia

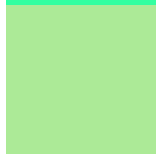
59.0698, 74.1872, 105.8140

Trichromacy



Original Color

43.4704, 74.7619, 45.3971



Protanomaly

52.0220, 69.8507, 40.0188



Deuteranomaly

54.8957, 69.4345, 50.0441



Tritanomaly

51.3964, 73.4754, 79.1834

Monochromacy



Original Color

43.4704, 74.7619, 45.3971



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

40.5300, 53.8470, 48.8148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4704, 74.7619, 45.3971 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(51, 255, 160)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 160)  
}
```

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(51, 255, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 160) }
```

Border

The CSS property to change the border of an element to XYZ 43.4704, 74.7619, 45.3971 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(51, 255, 160) }
```


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

```
.border{ border-color:rgb(51, 255, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 160);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4704, 74.7619, 45.3971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 160) }
```

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

```
.background{ background-color: rgb(51, 255,  
160) }
```

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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