

Converting Colors

XYZ(43.5464, 74.7983, 45.5266)

Have a look what the booklet for
XYZ(43.5464, 74.7983, 45.5266)
contains.

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Color

**XYZ(43.5213, 74.7881,
45.3994)**

Conversions

Conversions Part 1

Format	Color
Hex	34FFA0
RGB	52, 255, 160
RGB Percent	20%, 100%, 63%
CMY	0.7961, 0.0000, 0.3725
CMYK	0.80, 0.00, 0.37, 0.00
HSL	152°, 100%, 60%
HSV	152°, 80%, 100%
XYZ	43.5213, 74.7881, 45.3994
YIQ	183.4730, -90.4930, -72.5810

Conversions

Conversions Part 2

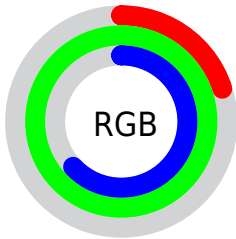
Format	Color
RYB	52, 185, 255
Decimal	3473312
CIELab	89.29, -68.47, 32.13
CIELCh	89, 75.632, 154.864
Yxy	74.7881, 0.2658, 0.4568
Android (android.graphics.Color)	4281663392 (0xFF34FFA0)
YUV	183.4730, -11.5722, -115.3018
Hunter-Lab	86.4801, -61.5097, 29.4107

Details

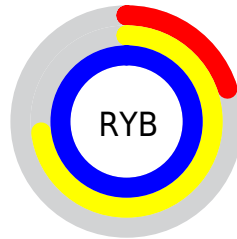
The XYZ color **43.5213, 74.7881, 45.3994** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **47.7350, 25.8232, 30.0736**, and the grayscale version is **45.3675, 47.7301, 51.9781**.

A 20% lighter version of the original color is **57.3858, 81.2516, 76.9486**, and **22.6730, 41.0152, 20.9091** is the 20% darker color. If you saturate the color by 10%, you get **41.5498, 73.8866, 40.1173**, and if you desaturate by 10%, it is **46.3018, 76.0950, 51.2450**.

Distribution



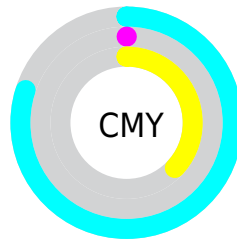
- Red (20%)
- Green (100%)
- Blue (63%)



- Red (20%)
- Yellow (73%)
- 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 43.5213, 74.7881, 45.3994 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 43.5213, 74.7881, 45.3994 by changing the saturation by 10% instead.


 43.5213, 74.7881,
45.3994


 43.5213, 74.7881,
45.3994


351.6365,
477.1889, 384.5959


 30.4906, 55.4393,
31.4269


 79.7478, 126.0124,
84.6442


 20.3612, 39.7536,
20.6630


 103.6743,
158.6566, 110.7536

 12.7677, 27.3465,
12.6890


 131.9634,
196.5015, 141.7457

 7.3447, 17.8336,
7.0866

 164.9806,
239.9314, 178.0391

 3.7268, 10.8306,
3.4370

203.0911,
289.3307, 220.0523

 1.5488, 5.9530,
1.3219

246.6604,

 0.3587, 2.8165,

345.0838, 268.2038

0.0796

296.0537,
407.5751, 322.9121

■ 0.0000, 1.0367,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.5213, 74.7881,
45.3994

■ 43.5213, 74.7881,
45.3994

■ 41.5498, 73.8866,
40.1173

■ 46.3018, 76.0950,
51.2450

■ 40.2262, 73.3079,
35.3728

■ 49.9923, 77.8591,
57.6692

■ 40.1801, 73.2881,
35.1962

■ 54.6798, 80.1251,
64.6909

■ 60.4403, 82.9317,
72.3267

67.3422, 86.3139,
80.5923

75.4477, 90.3037,
89.5030

84.8147, 94.9304,
99.0732

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.



52.6432, 74.7881, 23.2165



43.5213, 74.7881, 45.3994



41.2286, 74.7881, 90.3699

Triad

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



43.5213, 74.7881, 45.3994



74.1399, 74.7881, 230.7629



104.4113, 74.7881, 36.0082

Complementary

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



43.5213, 74.7881, 45.3994



47.7350, 25.8232, 30.0736

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.



112.6982, 74.7881, 73.1029



43.5213, 74.7881, 45.3994



93.3947, 74.7881, 196.7389

Square

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



43.5213, 74.7881, 45.3994



57.0321, 74.7881, 212.6900



108.3536, 74.7881, 132.7643



87.2726, 74.7881, 19.6752

Rectangle

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



43.5213, 74.7881, 45.3994



43.4700, 74.7881, 132.1592



108.3536, 74.7881, 132.7643



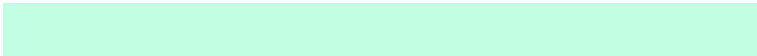
108.4480, 74.7881, 45.6964

Sweetspot

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



43.5219, 74.7884, 45.4007



71.7337, 88.4736, 85.5068



48.9797, 78.2634, 15.7744



14.7470, 18.6384, 17.6283



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.



43.5219, 74.7884, 45.4007



40.6537, 73.4922, 37.0235



54.1566, 77.3306, 106.6797



18.1755, 20.3297, 21.2272



21.0712, 38.3251, 18.7920



2.1069, 3.7537, 2.1205

Inverse Universe

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



47.7350, 25.8232, 30.0736



45.0372, 22.9560, 21.3796



43.2447, 24.2775, 5.6563



18.3632, 18.1286, 20.5295



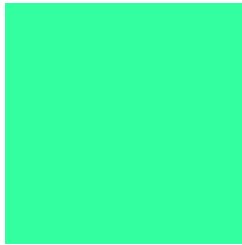
23.3731, 11.8385, 10.6151



2.3304, 1.1745, 1.3211

Previews

White Background



This preview shows how the XYZ color 43.5213, 74.7881, 45.3994 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 43.5213, 74.7881, 45.3994 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 43.5213, 74.7881, 45.3994

Background



This preview shows how black text looks on a background with the XYZ color 43.5213, 74.7881, 45.3994.

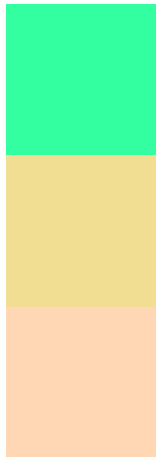


This preview shows how white text looks on a background with the XYZ color 43.5213, 74.7881,

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

43.5213, 74.7881, 45.3994

Protanopia

67.5852, 73.0186, 37.7260

Deuteranopia

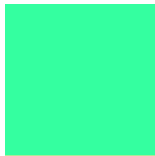
73.7787, 73.1562, 53.4120



Tritanopia

59.0698, 74.1872, 105.8140

Trichromacy



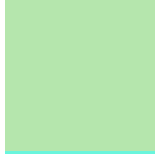
Original Color

43.5213, 74.7881, 45.3994



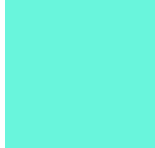
Protanomaly

52.0220, 69.8507, 40.0188



Deuteranomaly

54.8957, 69.4345, 50.0441



Tritanomaly

51.3964, 73.4754, 79.1834

Monochromacy



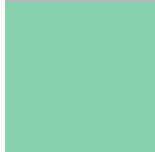
Original Color

43.5213, 74.7881, 45.3994



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 43.5213, 74.7881, 45.3994 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(52, 255, 160)` looks like.

```
.text, #text, p{  
    color:rgb(52, 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(52, 255, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 255, 160) }
```

Border

The CSS property to change the border of an element to XYZ 43.5213, 74.7881, 45.3994 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(52, 255, 160) }
```


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

```
.border{ border-color:rgb(52, 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(52, 255, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 255, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 255, 160);  
box-shadow:4px 4px 4px 4px rgb(52, 255,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5213, 74.7881, 45.3994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 255, 160) }
```

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

```
.background{ background-color: rgb(52, 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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