

Converting Colors

XYZ(43.4415, 74.7685, 44.4259)

Have a look what the booklet for
XYZ(43.4415, 74.7685, 44.4259)
contains.

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Color

**XYZ(43.4529, 74.7729,
44.4902)**

Conversions

Conversions Part 1

Format	Color
Hex	36FF9E
RGB	54, 255, 158
RGB Percent	21%, 100%, 62%
CMY	0.7882, 0.0000, 0.3804
CMYK	0.79, 0.00, 0.38, 0.00
HSL	151°, 100%, 61%
HSV	151°, 79%, 100%
XYZ	43.4529, 74.7729, 44.4902
YIQ	183.8430, -88.6590, -72.7790

Conversions

Conversions Part 2

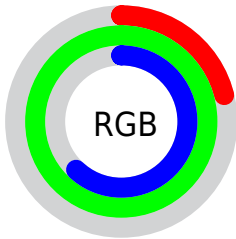
Format	Color
RYB	54, 186, 255
Decimal	3604382
CIELab	89.29, -68.64, 33.12
CIELCh	89, 76.213, 154.244
Yxy	74.7729, 0.2670, 0.4595
Android (android.graphics.Color)	4281794462 (0xFF36FF9E)
YUV	183.8430, -12.7406, -113.8723
Hunter-Lab	86.4713, -61.6264, 30.0247

Details

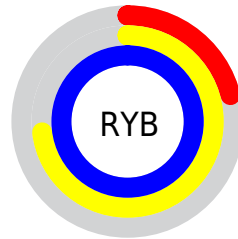
The XYZ color **43.4529, 74.7729, 44.4902** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **48.1456, 26.1334, 31.7863**, and the grayscale version is **45.5771, 47.9507, 52.2183**.

A 20% lighter version of the original color is **57.2860, 81.2296, 75.6104**, and **22.5678, 40.9731, 20.3548** is the 20% darker color. If you saturate the color by 10%, you get **41.4176, 73.8400, 39.1403**, and if you desaturate by 10%, it is **46.3117, 76.1180, 50.4349**.

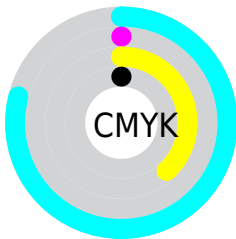
Distribution



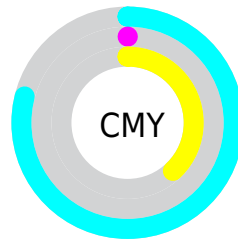
- Red (21%)
- Green (100%)
- Blue (62%)



- Red (21%)
- Yellow (73%)
- Blue (100%)



- Cyan (79%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)





- Cyan (79%)
- Magenta (0%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4529, 74.7729, 44.4902 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 43.4529, 74.7729, 44.4902 by changing the saturation by 10% instead.


 43.4529, 74.7729,
44.4902


 43.4529, 74.7729,
44.4902


351.3610,
477.1366, 380.8047


 30.4367, 55.4269,
30.7160


 79.6453, 125.9908,
83.2652


 20.3200, 39.7436,
20.1261


 103.5522,
158.6315, 109.1031

 12.7375, 27.3387,
12.3017


 131.8201,
196.4726, 139.7994

 7.3238, 17.8277,
6.8245

 164.8143,
239.8983, 175.7725

 3.7135, 10.8264,
3.2758

202.9001,
289.2932, 217.4411

 1.5414, 5.9502,
1.2371

246.4429,

 0.3537, 2.8148,

345.0416, 265.2236

0.0094

295.8081,
407.5280, 319.5386

0.0000, 1.0358,
0.0000

0.0000, 0.0000,
0.0000

43.4529, 74.7729,
44.4902

43.4529, 74.7729,
44.4902

41.4176, 73.8400,
39.1403

46.3117, 76.1180,
50.4349

40.0583, 73.2437,
34.3583

50.0936, 77.9265,
56.9909

39.9208, 73.1843,
33.8303

54.8851, 80.2425,
64.1784

60.7617, 83.1046,
72.0153

67.7914, 86.5476,
80.5186

76.0365, 90.6033,
89.7046

85.5544, 95.3011,
99.5890

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.



52.7652, 74.7729, 22.6631



43.4529, 74.7729, 44.4902



41.0084, 74.7729, 89.2414

Triad

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



43.4529, 74.7729, 44.4902



73.7520, 74.7729, 232.4700



104.9672, 74.7729, 36.2708

Complementary

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



43.4529, 74.7729, 44.4902



48.1456, 26.1334, 31.7863

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.



113.0906, 74.7729, 74.0601



43.4529, 74.7729, 44.4902



93.1816, 74.7729, 199.0065

Square

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



43.4529, 74.7729, 44.4902



56.6182, 74.7729, 213.0959



108.4411, 74.7729, 134.5987



87.7915, 74.7729, 19.5795

Rectangle

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



43.4529, 74.7729, 44.4902



43.1658, 74.7729, 131.1976



108.4411, 74.7729, 134.5987



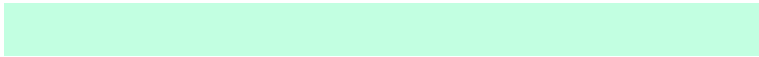
108.9714, 74.7729, 46.1502

Sweetspot

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



43.4535, 74.7732, 44.4915



71.6111, 88.4246, 84.8610



49.2170, 78.3804, 16.0257



14.7176, 18.6266, 17.4735



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.



43.4535, 74.7732, 44.4915



40.5165, 73.4414, 36.1203



54.2723, 77.4057, 106.6881



18.1640, 20.3251, 21.1667



20.9354, 38.2707, 18.0767



2.0936, 3.7484, 2.0509

Inverse Universe

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



48.1456, 26.1334, 31.7863



45.3870, 23.1440, 23.0736



43.3868, 24.4880, 5.9307



18.3746, 18.1331, 20.5896



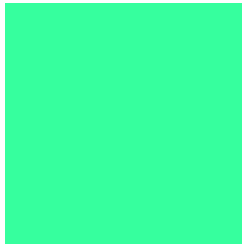
23.4935, 11.8867, 11.2491



2.3424, 1.1793, 1.3843

Previews

White Background



This preview shows how the XYZ color 43.4529, 74.7729, 44.4902 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 43.4529, 74.7729, 44.4902 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

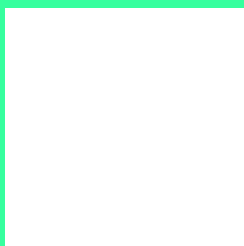
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4529, 74.7729, 44.4902

Background



This preview shows how black text looks on a background with the XYZ color 43.4529, 74.7729, 44.4902.

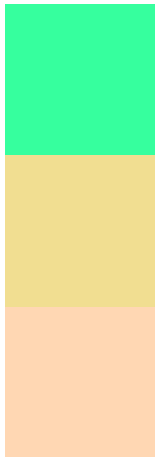


This preview shows how white text looks on a background with the XYZ color 43.4529, 74.7729,

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

43.4529, 74.7729, 44.4902

Protanopia

67.5077, 72.9877, 37.3181

Deuteranopia

73.6771, 73.1156, 52.8773



Tritanopia

59.2330, 74.2714, 105.8216

Trichromacy



Original Color

43.4529, 74.7729, 44.4902



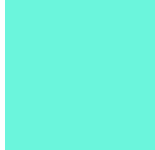
Protanomaly

52.1614, 69.9319, 39.6032



Deuteranomaly

54.9389, 69.4790, 49.0433



Tritanomaly

51.6341, 73.5979, 79.1946

Monochromacy



Original Color

43.4529, 74.7729, 44.4902



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

41.1010, 54.5067, 48.9120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4529, 74.7729, 44.4902 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(54, 255, 158)` looks like.

```
.text, #text, p{  
    color:rgb(54, 255, 158)  
}
```

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(54, 255, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 255, 158) }
```

Border

The CSS property to change the border of an element to XYZ 43.4529, 74.7729, 44.4902 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(54, 255, 158) }
```


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

```
.border{ border-color:rgb(54, 255, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 255, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 255, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 255, 158);  
box-shadow:4px 4px 4px 4px rgb(54, 255,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4529, 74.7729, 44.4902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 255, 158) }
```

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

```
.background{ background-color: rgb(54, 255,  
158) }
```

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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