

Converting Colors

XYZ(43.4711, 74.8369, 42.0229)

Have a look what the booklet for
XYZ(43.4711, 74.8369, 42.0229)
contains.

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Color

**XYZ(43.4141, 74.8111,
41.8576)**

Conversions

Conversions Part 1

Format	Color
Hex	3EFF98
RGB	62, 255, 152
RGB Percent	24%, 100%, 60%
CMY	0.7568, 0.0000, 0.4039
CMYK	0.76, 0.00, 0.40, 0.00
HSL	148°, 100%, 62%
HSV	148°, 76%, 100%
XYZ	43.4141, 74.8111, 41.8576
YIQ	185.5510, -81.9650, -72.9490

Conversions

Conversions Part 2

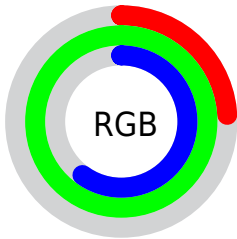
Format	Color
RYB	62, 194, 255
Decimal	4128664
CIELab	89.30, -68.83, 36.14
CIELCh	89, 77.742, 152.302
Yxy	74.8111, 0.2712, 0.4673
Android (android.graphics.Color)	4282318744 (0xFF3EFF98)
YUV	185.5510, -16.5406, -108.3542
Hunter-Lab	86.4934, -61.7680, 31.8526

Details

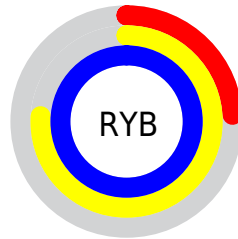
The XYZ color **43.4141, 74.8111, 41.8576** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **49.7546, 27.4225, 38.2689**, and the grayscale version is **46.5438, 48.9677, 53.3258**.

A 20% lighter version of the original color is **57.1758, 81.2592, 71.7026**, and **22.2665, 40.8526, 18.7684** is the 20% darker color. If you saturate the color by 10%, you get **41.1213, 73.7506, 36.2626**, and if you desaturate by 10%, it is **46.5851, 76.3096, 48.1638**.

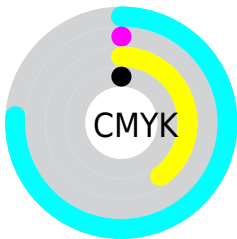
Distribution



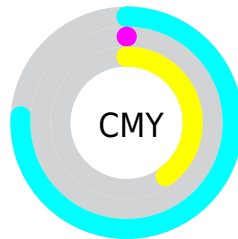
- Red (24%)
- Green (100%)
- Blue (60%)



- Red (24%)
- Yellow (76%)
- Blue (100%)



- Cyan (76%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)





- Cyan (76%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4141, 74.8111, 41.8576 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 43.4141, 74.8111, 41.8576 by changing the saturation by 10% instead.


 43.4141, 74.8111,
41.8576


 43.4141, 74.8111,
41.8576


351.2047,
477.2680, 369.6745


 30.4061, 55.4582,
28.6651


 79.5872, 126.0449,
79.2518


 20.2966, 39.7687,
18.5842


 103.4830,
158.6946, 104.2906

 12.7204, 27.3582,
11.1965


 131.7388,
196.5453, 134.1152

 7.3119, 17.8424,
6.0833

 164.7199,
239.9814, 169.1442

 3.7060, 10.8369,
2.8262

202.7917,
289.3874, 209.7960

 1.5372, 5.9573,
1.0066

246.3195,

 0.3509, 2.8191,

345.1475, 256.4894

0.0000

295.6687,
407.6463, 309.6427

■ 0.0000, 1.0380,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.4141, 74.8111,
41.8576

■ 43.4141, 74.8111,
41.8576

■ 41.1213, 73.7506,
36.2626

■ 46.5851, 76.3096,
48.1638

■ 39.5860, 73.0664,
31.3470

■ 50.7297, 78.2946,
55.2034

■ 39.0845, 72.8498,
29.4266

■ 55.9315, 80.8091,
63.0020

■ 62.2647, 83.8906,
71.5827

■ 69.7962, 87.5733,
80.9673

■ 78.5876, 91.8885,
91.1769

■ 88.6961, 96.8655,
102.2317

■ 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.



53.3141, 74.8111, 21.1611



43.4141, 74.8111, 41.8576



40.4903, 74.8111, 85.7315

Triad

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



43.4141, 74.8111, 41.8576



72.5831, 74.8111, 237.1208



106.6744, 74.8111, 37.3596

Complementary

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



43.4141, 74.8111, 41.8576



49.7546, 27.4225, 38.2689

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.



114.2165, 74.8111, 77.3262



43.4141, 74.8111, 41.8576



92.4713, 74.8111, 205.7726

Square

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



43.4141, 74.8111, 41.8576



55.4392, 74.8111, 213.6659



108.6088, 74.8111, 140.4160



89.4762, 74.8111, 19.4959

Rectangle

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



43.4141, 74.8111, 41.8576



42.3761, 74.8111, 127.9661



108.6088, 74.8111, 140.4160



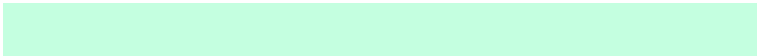
110.5485, 74.8111, 47.8514

Sweetspot

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



43.4146, 74.8114, 41.8589



72.0300, 88.6683, 83.6261



52.8105, 80.2094, 17.2567



14.7785, 18.6655, 17.1365



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.



43.4146, 74.8114, 41.8589



40.2198, 73.3446, 33.5668



54.2819, 79.1583, 99.0849



18.1241, 20.3092, 20.9563



20.4963, 38.0951, 15.7646



2.0502, 3.7310, 1.8223

Inverse Universe

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



49.7546, 27.4225, 38.2689



46.7954, 23.9708, 29.6778



44.1213, 25.1692, 8.6046



18.4146, 18.1492, 20.8005



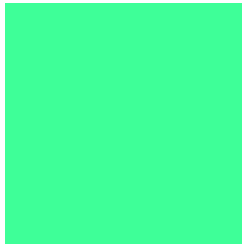
23.9503, 12.0694, 13.6548



2.3872, 1.1972, 1.6203

Previews

White Background



This preview shows how the XYZ color 43.4141, 74.8111, 41.8576 looks on a white background.

Color Contrast Check

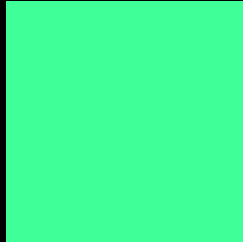
Large Text (above 18pt) WCAG AA × Fail

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 43.4141, 74.8111, 41.8576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

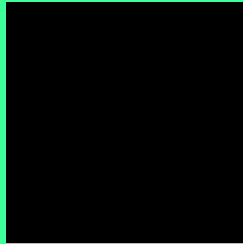
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4141, 74.8111, 41.8576

Background



This preview shows how black text looks on a background with the XYZ color 43.4141, 74.8111, 41.8576.

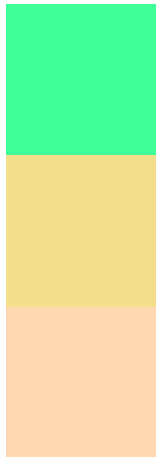


This preview shows how white text looks on a background with the XYZ color 43.4141, 74.8111, 41.8576.

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

43.4141, 74.8111, 41.8576

Protanopia

67.3994, 72.9839, 34.9611

Deuteranopia

73.4763, 73.0352, 51.8196



Tritanopia

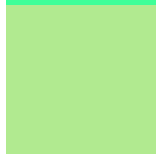
59.3977, 74.3563, 105.8293

Trichromacy



Original Color

43.4141, 74.8111, 41.8576



Protanomaly

52.5883, 70.2064, 37.1650



Deuteranomaly

55.3723, 69.7351, 47.5876



Tritanomaly

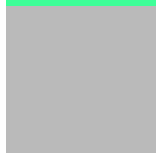
51.7377, 73.6818, 77.8248

Monochromacy



Original Color

43.4141, 74.8111, 41.8576



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

41.9188, 55.3072, 48.5104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4141, 74.8111, 41.8576 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(62, 255, 152)` looks like.

```
.text, #text, p{  
    color:rgb(62, 255, 152)  
}
```

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(62, 255, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 255, 152) }
```

Border

The CSS property to change the border of an element to XYZ 43.4141, 74.8111, 41.8576 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(62, 255, 152) }
```


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

```
.border{ border-color:rgb(62, 255, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 255, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 255, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 255, 152);  
box-shadow:4px 4px 4px 4px rgb(62, 255,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4141, 74.8111, 41.8576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 255, 152) }
```

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

```
.background{ background-color: rgb(62, 255,  
152) }
```

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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