

Converting Colors

XYZ(43.4386, 74.6147, 51.2894)

Have a look what the booklet for
XYZ(43.4386, 74.6147, 51.2894)
contains.

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Color

**XYZ(43.4034, 74.6001,
51.1414)**

Conversions

Conversions Part 1

Format	Color
Hex	0FFFAC
RGB	15, 255, 172
RGB Percent	6%, 100%, 67%
CMY	0.9411, 0.0000, 0.3255
CMYK	0.94, 0.00, 0.33, 0.00
HSL	159°, 100%, 53%
HSV	159°, 94%, 100%
XYZ	43.4034, 74.6001, 51.1414
YIQ	173.7780, -116.3970, -76.6930

Conversions

Conversions Part 2

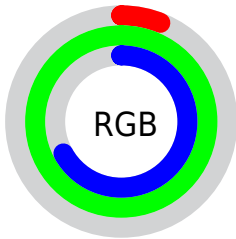
Format	Color
RYB	15, 160, 255
Decimal	1048492
CIELab	89.21, -68.44, 25.92
CIELCh	89, 73.183, 159.254
Yxy	74.6001, 0.2566, 0.4410
Android (android.graphics.Color)	4279238572 (0xFF0FFFAC)
YUV	173.7780, -0.8766, -139.2483
Hunter-Lab	86.3713, -61.4499, 25.3537

Details

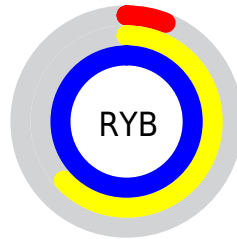
The XYZ color **43.4034, 74.6001, 51.1414** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **43.6168, 22.4846, 13.6019**, and the grayscale version is **40.1689, 42.2608, 46.0220**.

A 20% lighter version of the original color is **57.2348, 80.9730, 86.0115**, and **23.2960, 41.2644, 24.1898** is the 20% darker color. If you saturate the color by 10%, you get **42.7171, 74.3029, 48.5557**, and if you desaturate by 10%, it is **44.9778, 75.3106, 55.7861**.

Distribution



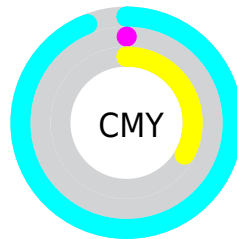
- Red (6%)
- Green (100%)
- Blue (67%)



- Red (6%)
- Yellow (63%)
- Blue (100%)



- Cyan (94%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)





- Cyan (94%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4034, 74.6001, 51.1414 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 43.4034, 74.6001, 51.1414 by changing the saturation by 10% instead.


 43.4034, 74.6001,
51.1414


 43.4034, 74.6001,
51.1414


351.1616,
476.5419, 407.9751


 30.3976, 55.2853,
35.9436


 79.5712, 125.7461,
93.2774


 20.2902, 39.6302,
24.1013


 103.4639,
158.3462, 121.0527


 12.7156, 27.2504,
15.1959


 131.7164,
196.1435, 153.8576

 7.3087, 17.7613,
8.8088

 164.6939,
239.5223, 192.1107

 3.7039, 10.7788,
4.5216

 202.7618,
288.8672, 236.2304

 1.5360, 5.9183,
1.9156

246.2855,

 0.3502, 2.7955,

344.5625, 286.6354

0.5027

295.6303,
406.9926, 343.7441

■ 0.0000, 1.0259,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.4034, 74.6001,
51.1414

■ 43.4034, 74.6001,
51.1414


■ 42.7171, 74.3029,
48.5557


■ 44.9778, 75.3106,
55.7861


■ 47.2635, 76.3812,
60.7619


■ 50.3726, 77.8694,
66.0805


■ 54.3962, 79.8223,
71.7515

 59.4132, 82.2803,
77.7835

 65.4933, 85.2794,
84.1849

 72.7001, 88.8521,
90.9634

 81.0919, 93.0283,
98.1265

 90.7228, 97.8360,
105.6814

Harmonies

Analogous

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



51.3258, 74.6001, 26.4043



43.4034, 74.6001, 51.1414



42.1334, 74.6001, 98.0855

Triad

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



43.4034, 74.6001, 51.1414



76.5703, 74.6001, 222.0318



100.9478, 74.6001, 33.5470

Complementary

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



43.4034, 74.6001, 51.1414



43.6168, 22.4846, 13.6019

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.



110.4706, 74.6001, 66.4198



43.4034, 74.6001, 51.1414



94.9209, 74.6001, 183.6180

Square

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



43.4034, 74.6001, 51.1414



59.4270, 74.6001, 212.2194



108.0969, 74.6001, 121.2663



83.7735, 74.6001, 19.6127

Rectangle

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



43.4034, 74.6001, 51.1414



44.9738, 74.6001, 139.3675



108.0969, 74.6001, 121.2663



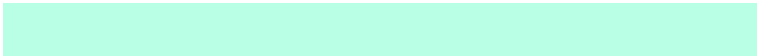
105.2707, 74.6001, 42.0318

Sweetspot

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



43.4040, 74.6004, 51.1427



69.7574, 87.3914, 88.2798



40.9938, 74.2081, 12.6159



14.2767, 18.3811, 18.2731



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.



43.4040, 74.6004, 51.1427



42.7171, 74.3029, 48.5557



43.5799, 57.9868, 103.5034



18.2723, 20.3685, 21.7370



22.3937, 38.8541, 25.7564



2.2319, 3.8037, 2.7791

Inverse Universe

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



43.6168, 22.4846, 13.6019



43.0095, 21.9678, 11.2481



42.5112, 23.6641, 2.7799



18.2687, 18.0908, 20.0321



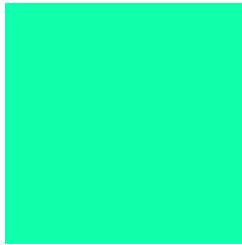
22.5365, 11.5039, 6.2094



2.2434, 1.1397, 0.8633

Previews

White Background



This preview shows how the XYZ color 43.4034, 74.6001, 51.1414 looks on a white background.

Color Contrast Check

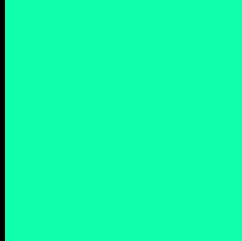
Large Text (above 18pt) WCAG AA × Fail

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 43.4034, 74.6001, 51.1414 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 43.4034, 74.6001, 51.1414

Background



This preview shows how black text looks on a background with the XYZ color 43.4034, 74.6001, 51.1414.

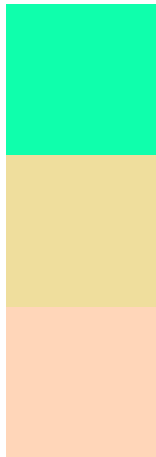


This preview shows how white text looks on a background with the XYZ color 43.4034, 74.6001,

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

43.4034, 74.6001, 51.1414

Protanopia

67.8037, 73.0276, 42.4204

Deuteranopia

74.0435, 72.8559, 56.0590



Tritanopia

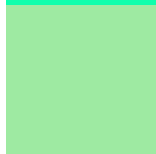
58.5894, 73.9395, 105.7915

Trichromacy



Original Color

43.4034, 74.6001, 51.1414



Protanomaly

50.0450, 68.7234, 44.8097



Deuteranomaly

52.4060, 67.6587, 53.4774



Tritanomaly

50.4595, 72.9147, 82.6486

Monochromacy



Original Color

43.4034, 74.6001, 51.1414



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

36.1012, 49.4420, 47.1757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4034, 74.6001, 51.1414 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(15, 255, 172)` looks like.

```
.text, #text, p{  
    color:rgb(15, 255, 172)  
}
```

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(15, 255, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 255, 172) }
```

Border

The CSS property to change the border of an element to XYZ 43.4034, 74.6001, 51.1414 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(15, 255, 172) }
```


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

```
.border{ border-color:rgb(15, 255, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 255, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 255, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 255, 172);  
box-shadow:4px 4px 4px 4px rgb(15, 255,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4034, 74.6001, 51.1414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 255, 172) }
```

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

```
.background{ background-color: rgb(15, 255,  
172) }
```

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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