

Converting Colors

XYZ(41.5410, 73.8368, 42.1666)

Have a look what the booklet for
XYZ(41.5410, 73.8368, 42.1666)
contains.

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Color

**XYZ(41.5473, 73.8393,
42.1996)**

Conversions

Conversions Part 1

Format	Color
Hex	03FF99
RGB	3, 255, 153
RGB Percent	1%, 100%, 60%
CMY	0.9882, 0.0000, 0.4000
CMYK	0.99, 0.00, 0.40, 0.00
HSL	156°, 100%, 51%
HSV	156°, 99%, 100%
XYZ	41.5473, 73.8393, 42.1996
YIQ	168.0240, -117.4500, -85.1460

Conversions

Conversions Part 2

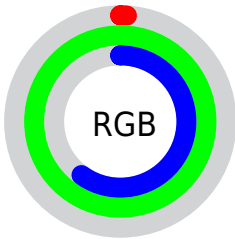
Format	Color
RYB	3, 161, 255
Decimal	262041
CIELab	88.85, -72.46, 34.95
CIELCh	89, 80.449, 154.249
Yxy	73.8393, 0.2636, 0.4686
Android (android.graphics.Color)	4278452121 (0xFF03FF99)
YUV	168.0240, -7.4068, -144.7260
Hunter-Lab	85.9298, -64.0719, 31.0339

Details

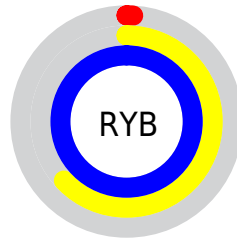
The XYZ color **41.5473, 73.8393, 42.1996** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **43.8235, 22.3459, 15.3729**, and the grayscale version is **37.3106, 39.2536, 42.7472**.

A 20% lighter version of the original color is **54.3476, 79.7871, 72.2105**, and **22.3152, 40.8721, 19.0249** is the 20% darker color. If you saturate the color by 10%, you get **41.4095, 73.7798, 41.6698**, and if you desaturate by 10%, it is **42.8933, 74.4303, 46.9089**.

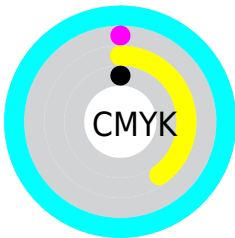
Distribution



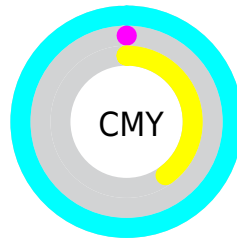
- Red (1%)
- Green (100%)
- Blue (60%)



- Red (1%)
- Yellow (63%)
- Blue (100%)



- Cyan (99%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)




- Cyan (99%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5473, 73.8393, 42.1996 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 41.5473, 73.8393, 42.1996 by changing the saturation by 10% instead.


 41.5473, 73.8393,
42.1996


 41.5473, 73.8393,
42.1996


343.6265,
473.9186, 371.1337

 28.9365, 54.6625,
28.9309


 76.7835, 124.6680,
79.7750


 19.1769, 39.1316,
18.7834


 100.1396,
157.0887, 104.9187


 11.9029, 26.8621,
11.3387


 127.8083,
194.6928, 134.8578

 6.7493, 17.4697,
6.1781

 160.1548,
237.8647, 170.0109

 3.3508, 10.5699,
2.8831

 197.5445,
286.9889, 210.7965

 1.3419, 5.7784,
1.0353

240.3428,

 0.2142, 2.7108,

342.4496, 257.6332

0.0000

288.9150,
404.6314, 310.9394

■ 0.0000, 0.9827,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.5473, 73.8393,
42.1996

■ 41.5473, 73.8393,
42.1996

■ 41.4095, 73.7798,
41.6698

■ 42.8933, 74.4303,
46.9089

■ 44.8880, 75.3471,
52.0417

■ 47.6764, 76.6641,
57.6151

■ 51.3584, 78.4326,
63.6425

■ 56.0188, 80.6962,
70.1363

■ 61.7317, 83.4929,
77.1082

■ 68.5641, 86.8571,
84.5693

■ 76.5771, 90.8201,
92.5304

■ 85.8273, 95.4108,
101.0015

Harmonies

Analogous

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



51.1311, 73.8393, 20.3087



41.5473, 73.8393, 42.1996



39.0477, 73.8393, 88.6174

Triad

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



41.5473, 73.8393, 42.1996



72.9961, 73.8393, 241.9794



105.9452, 73.8393, 33.8552

Complementary

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



41.5473, 73.8393, 42.1996



43.8235, 22.3459, 15.3729

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.



114.5871, 73.8393, 72.7040



41.5473, 73.8393, 42.1996



93.4596, 73.8393, 205.7669

Square

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



41.5473, 73.8393, 42.1996



55.1255, 73.8393, 221.0105



109.6420, 73.8393, 136.6305



87.7572, 73.8393, 17.2933

Rectangle

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



41.5473, 73.8393, 42.1996



41.2554, 73.8393, 133.0331



109.6420, 73.8393, 136.6305



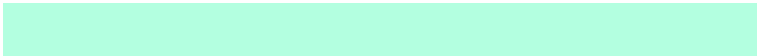
110.2017, 73.8393, 43.8798

Sweetspot

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



41.5478, 73.8395, 42.2008



67.6942, 86.4279, 83.6596



41.9624, 74.7155, 12.2966



13.8551, 18.1866, 17.2257



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.



41.5478, 73.8395, 42.2008



41.4095, 73.7798, 41.6698



47.5111, 66.0861, 104.8595



18.2254, 20.3497, 21.4900



21.7132, 38.5819, 22.1730



2.1683, 3.7782, 2.4441

Inverse Universe

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



43.8235, 22.3459, 15.3729



43.6992, 22.2437, 14.8802



41.5836, 21.9207, 2.1262



18.3141, 18.1089, 20.2711



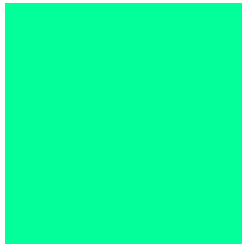
22.9030, 11.6505, 8.1399



2.2824, 1.1553, 1.0686

Previews

White Background



This preview shows how the XYZ color 41.5473, 73.8393, 42.1996 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 41.5473, 73.8393, 42.1996 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

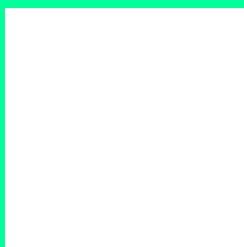
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.5473, 73.8393, 42.1996

Background



This preview shows how black text looks on a background with the XYZ color 41.5473, 73.8393, 42.1996.



This preview shows how white text looks on a background with the XYZ color 41.5473, 73.8393,

Color Blindness Simulation

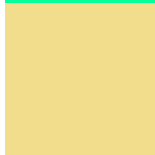
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

41.5473, 73.8393, 42.1996



Protanopia

66.7923, 72.2778, 34.8568



Deuteranopia

72.6742, 71.9045, 50.0930



Tritanopia

57.5266, 72.9583, 105.6581

Trichromacy



Original Color

41.5473, 73.8393, 42.1996



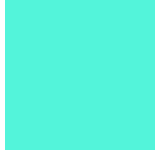
Protanomaly

47.4994, 67.1615, 36.8455



Deuteranomaly

49.7306, 66.0265, 46.1997



Tritanomaly

48.5729, 71.6023, 77.5902

Monochromacy



Original Color

41.5473, 73.8393, 42.1996



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

33.4495, 47.1410, 41.9865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5473, 73.8393, 42.1996 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(3, 255, 153)` looks like.

```
.text, #text, p{  
    color:rgb(3, 255, 153)  
}
```

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(3, 255, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 255, 153) }
```

Border

The CSS property to change the border of an element to XYZ 41.5473, 73.8393, 42.1996 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(3, 255, 153) }
```


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

```
.border{ border-color:rgb(3, 255, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 255, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 255, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 255, 153);  
box-shadow:4px 4px 4px 4px rgb(3, 255,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5473, 73.8393, 42.1996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 255, 153) }
```

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

```
.background{ background-color: rgb(3, 255,  
153) }
```

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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