

Converting Colors

XYZ(39.4091, 73.1373, 24.0105)

Have a look what the booklet for
XYZ(39.4091, 73.1373, 24.0105)
contains.

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Color

**XYZ(39.4255, 73.1439,
24.0968)**

Conversions

Conversions Part 1

Format	Color
Hex	33FF64
RGB	51, 255, 100
RGB Percent	20%, 100%, 39%
CMY	0.8000, 0.0000, 0.6078
CMYK	0.80, 0.00, 0.61, 0.00
HSL	134°, 100%, 60%
HSV	134°, 80%, 100%
XYZ	39.4255, 73.1439, 24.0968
YIQ	176.3340, -71.8290, -91.4530

Conversions

Conversions Part 2

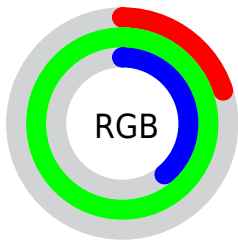
Format	Color
RYB	51, 215, 255
Decimal	3407716
CIELab	88.52, -77.61, 59.23
CIELCh	89, 97.626, 142.652
Yxy	73.1439, 0.2885, 0.5352
Android (android.graphics.Color)	4281597796 (0xFF33FF64)
YUV	176.3340, -37.6327, -109.9179
Hunter-Lab	85.5242, -67.3813, 43.1617

Details

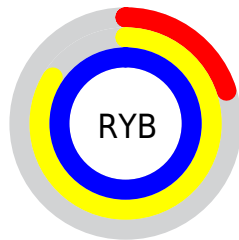
The XYZ color **39.4255, 73.1439, 24.0968** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **53.5643, 28.0840, 60.9890**, and the grayscale version is **41.6590, 43.8285, 47.7292**.

A 20% lighter version of the original color is **51.0365, 78.7119, 43.5134**, and **20.4023, 40.1069, 8.9516** is the 20% darker color. If you saturate the color by 10%, you get **37.6448, 72.3217, 19.6874**, and if you desaturate by 10%, it is **42.1332, 74.4182, 29.7159**.

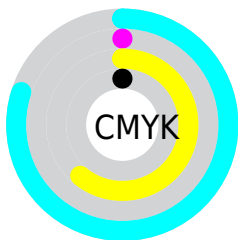
Distribution



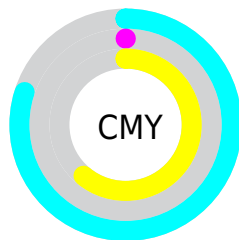
- Red (20%)
- Green (100%)
- Blue (39%)



- Red (20%)
- Yellow (84%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (61%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4255, 73.1439, 24.0968 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 39.4255, 73.1439, 24.0968 by changing the saturation by 10% instead.


 39.4255, 73.1439,
24.0968


 39.4255, 73.1439,
24.0968


334.8723,
471.5134, 286.6118


 27.2731, 54.0936,
15.1926


 73.5778, 123.6815,
51.1339

 17.9161, 38.6765,
8.8065


 96.3084, 155.9376,
70.1039

 10.9891, 26.5082,
4.5201


 123.2959,
193.3644, 93.2662

 6.1267, 17.2042,
1.9148

 154.9054,
236.3464, 121.0394

 2.9637, 10.3802,
0.5021

191.5025,
285.2679, 153.8421

 1.1346, 5.6518,
0.0000

233.4524,

 0.0538, 2.6345,

340.5133, 192.0926

0.0000

281.1205,
402.4670, 236.2097

■ 0.0000, 0.9440,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.4255, 73.1439,
24.0968

■ 39.4255, 73.1439,
24.0968

■ 37.6448, 72.3217,
19.6874

■ 42.1332, 74.4182,
29.7159

■ 36.6092, 71.8597,
16.3918

■ 45.8820, 76.2018,
36.6221

■ 36.6091, 71.8597,
16.3915

■ 50.7701, 78.5438,
44.8904

■ 56.8835, 81.4870,
54.5889

■ 64.2997, 85.0702,
65.7813

■ 73.0900, 89.3287,
78.5271

■ 83.3200, 94.2953,
92.8827

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.



53.5267, 73.1439, 9.9568



39.4255, 73.1439, 24.0968



33.6394, 73.1439, 64.2071

Triad

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



39.4255, 73.1439, 24.0968



63.8994, 73.1439, 289.3520



120.1291, 73.1439, 39.4677

Complementary

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



39.4255, 73.1439, 24.0968



53.5643, 28.0840, 60.9890

Split Complementary

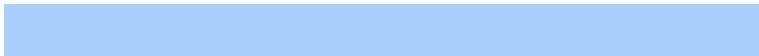
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



124.6711, 73.1439, 97.3696



39.4255, 73.1439, 24.0968



88.4211, 73.1439, 268.7745

Square

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



39.4255, 73.1439, 24.0968



45.5489, 73.1439, 233.2217



111.9962, 73.1439, 186.8026



100.7025, 73.1439, 14.6960

Rectangle

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



39.4255, 73.1439, 24.0968



34.0891, 73.1439, 111.4897



111.9962, 73.1439, 186.8026



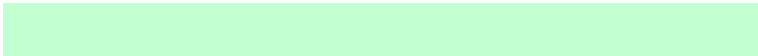
123.6021, 73.1439, 54.5212

Sweetspot

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



39.4258, 73.1441, 24.0980



69.4037, 87.5416, 73.2373



62.2018, 85.0822, 16.2764



14.1934, 18.4170, 14.7133



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.



39.4258, 73.1441, 24.0980



36.9619, 72.0155, 17.5830



47.6211, 76.4222, 67.2535



17.9504, 20.2397, 20.0418



19.1773, 37.5675, 8.8191



1.9078, 3.6740, 1.0723

Inverse Universe

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



53.5643, 28.0840, 60.9890



51.3370, 25.4759, 54.5539



44.9945, 24.6561, 15.8608



18.5951, 18.2214, 21.7511



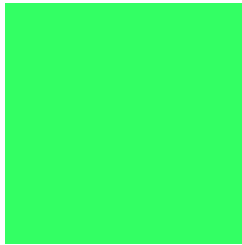
26.6836, 13.1627, 28.0479



2.6407, 1.2987, 2.9553

Previews

White Background



This preview shows how the XYZ color 39.4255, 73.1439, 24.0968 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 39.4255, 73.1439, 24.0968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

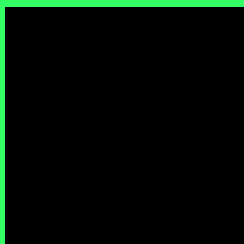
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4255, 73.1439, 24.0968

Background



This preview shows how black text looks on a background with the XYZ color 39.4255, 73.1439, 24.0968.

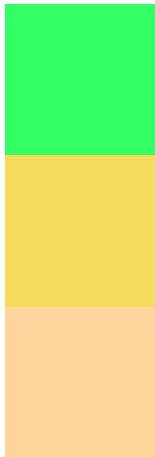


This preview shows how white text looks on a background with the XYZ color 39.4255, 73.1439,

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

39.4255, 73.1439, 24.0968

Protanopia

65.0949, 71.3371, 20.0114

Deuteranopia

71.2058, 71.3171, 42.3604



Tritanopia

57.0866, 72.3004, 105.5543

Trichromacy



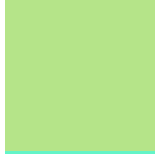
Original Color

39.4255, 73.1439, 24.0968



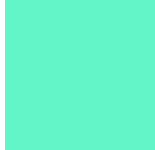
Protanomaly

48.6149, 68.0846, 21.1691



Deuteranomaly

51.3148, 67.1167, 33.9172



Tritanomaly

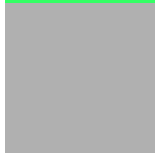
47.8051, 71.4775, 65.3098

Monochromacy



Original Color

39.4255, 73.1439, 24.0968



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

36.5367, 50.6261, 35.8631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4255, 73.1439, 24.0968 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(51, 255, 100)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 100)  
}
```

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(51, 255, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 100) }
```

Border

The CSS property to change the border of an element to XYZ 39.4255, 73.1439, 24.0968 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(51, 255, 100) }
```


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

```
.border{ border-color:rgb(51, 255, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 100);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4255, 73.1439, 24.0968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 100) }
```

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

```
.background{ background-color: rgb(51, 255,  
100) }
```

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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