

Converting Colors

XYZ(39.0978, 69.3937, 24.9791)

Have a look what the booklet for
XYZ(39.0978, 69.3937, 24.9791)
contains.

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Color

**XYZ(39.0042, 69.1818,
24.9334)**

Conversions

Conversions Part 1

Format	Color
Hex	4EF76A
RGB	78, 247, 106
RGB Percent	31%, 97%, 42%
CMY	0.6941, 0.0314, 0.5843
CMYK	0.68, 0.00, 0.57, 0.03
HSL	130°, 91%, 64%
HSV	130°, 68%, 97%
XYZ	39.0042, 69.1818, 24.9334
YIQ	180.3950, -55.4630, -79.6790

Conversions

Conversions Part 2

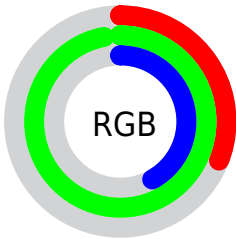
Format	Color
RYB	78, 223, 247
Decimal	5175146
CIELab	86.59, -70.66, 54.53
CIELCh	87, 89.250, 142.342
Yxy	69.1818, 0.2930, 0.5197
Android (android.graphics.Color)	4283365226 (0xFF4EF76A)
YUV	180.3950, -36.6767, -89.8004
Hunter-Lab	83.1756, -61.8519, 40.4497

Details

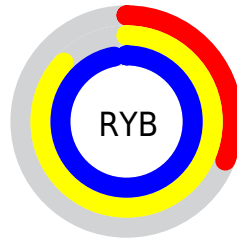
The XYZ color **39.0042, 69.1818, 24.9334** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed spring green. A complement of this color would be **53.8703, 30.3386, 70.0360**, and the grayscale version is **43.8090, 46.0904, 50.1925**.

A 20% lighter version of the original color is **54.0471, 80.2042, 46.3506**, and **18.8174, 36.6431, 9.3299** is the 20% darker color. If you saturate the color by 10%, you get **36.4017, 67.9515, 19.8745**, and if you desaturate by 10%, it is **42.6271, 70.9124, 31.3871**.

Distribution



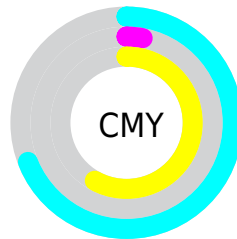
- Red (31%)
- Green (97%)
- Blue (42%)



- Red (31%)
- Yellow (87%)
- Blue (97%)



- Cyan (68%)
- Magenta (0%)
- Yellow (57%)
- Black (3%)





- Cyan (69%)
- Magenta (3%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0042, 69.1818, 24.9334 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 39.0042, 69.1818, 24.9334 by changing the saturation by 10% instead.


 39.0042, 69.1818,
24.9334


 39.0042, 69.1818,
24.9334


333.1152,
457.6719, 290.9432

 26.9437, 50.8598,
15.8089


 72.9388, 118.0412,
52.5119


 17.6673, 36.0970,
9.2361


 95.5436, 149.3474,
71.8030

 10.8097, 24.5091,
4.7966


 122.3939,
185.7504, 95.3201

 6.0053, 15.7117,
2.0718

 153.8550,
227.6346, 123.4816

 2.8890, 9.3204,
0.5989

190.2924,
275.3845, 156.7061

 1.0953, 4.9508,
0.0000

232.0713,

 0.0212, 2.2184,

329.3844, 195.4122

0.0000

279.5571,
390.0188, 240.0183

■ 0.0000, 0.7300,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.0042, 69.1818,
24.9334

■ 39.0042, 69.1818,
24.9334

■ 36.4017, 67.9515,
19.8745

■ 42.6271, 70.9124,
31.3871

■ 34.7056, 67.1588,
16.1028


■ 47.3584, 73.1807,
39.3235


■ 33.7689, 66.7326,
13.5016


■ 53.2822, 76.0303,
48.8287


■ 33.6610, 66.6838,
13.1882

■ 60.4730, 79.4979,
59.9808

 68.9992, 83.6173,
72.8527

 78.9243, 88.4196,
87.5131

 90.3075, 93.9342,
104.0268

 92.5521, 95.0042,
108.0674

Harmonies

Analogous

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



51.7523, 69.1818, 11.4263



39.0042, 69.1818, 24.9334



33.6636, 69.1818, 61.1316

Triad

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



39.0042, 69.1818, 24.9334



60.5912, 69.1818, 254.2602



109.8814, 69.1818, 39.7655

Complementary

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



39.0042, 69.1818, 24.9334



53.8703, 30.3386, 70.0360

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.



113.6319, 69.1818, 91.5661



39.0042, 69.1818, 24.9334



82.0803, 69.1818, 237.6630

Square

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



39.0042, 69.1818, 24.9334



44.3075, 69.1818, 206.4529



102.5783, 69.1818, 168.6684



93.2013, 69.1818, 16.3157

Rectangle

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



39.0042, 69.1818, 24.9334



34.0265, 69.1818, 102.4220



102.5783, 69.1818, 168.6684



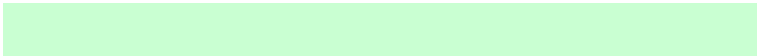
112.8202, 69.1818, 53.4894

Sweetspot

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



39.0059, 69.1847, 24.9350



71.6417, 88.6692, 74.5227



64.6556, 82.5493, 19.7340



14.7830, 18.7125, 15.1206



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.



39.0059, 69.1847, 24.9350



38.3504, 72.6858, 19.7041



45.4655, 71.7685, 58.9506



16.3942, 18.5168, 18.0942



17.8358, 35.2792, 7.1550



1.5993, 3.1134, 0.7957

Inverse Universe

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



53.8703, 30.3386, 70.0360



55.1783, 28.3923, 70.5283



45.6102, 27.0346, 26.5387



17.0888, 16.7184, 20.2142



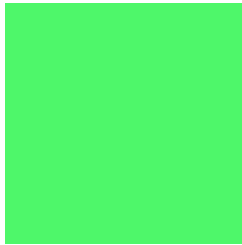
26.2284, 12.8348, 32.2405



2.3359, 1.1403, 2.9952

Previews

White Background



This preview shows how the XYZ color 39.0042, 69.1818, 24.9334 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 39.0042, 69.1818, 24.9334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

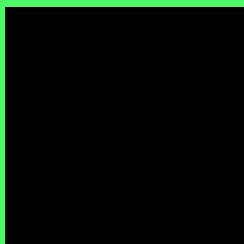
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

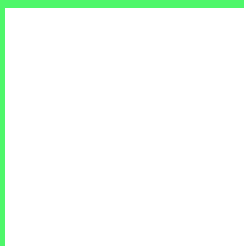
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.0042, 69.1818, 24.9334

Background



This preview shows how black text looks on a background with the XYZ color 39.0042, 69.1818, 24.9334.

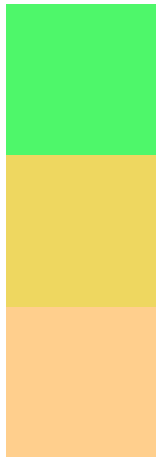


This preview shows how white text looks on a background with the XYZ color 39.0042, 69.1818,

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

39.0042, 69.1818, 24.9334

Protanopia

61.6717, 67.6225, 20.8683

Deuteranopia

68.3605, 67.8087, 34.6847



Tritanopia

54.1544, 68.7432, 101.6813

Trichromacy



Original Color

39.0042, 69.1818, 24.9334



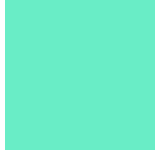
Protanomaly

48.5917, 65.5616, 22.1502



Deuteranomaly

51.5034, 64.8774, 30.2302



Tritanomaly

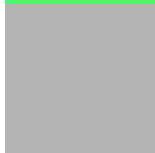
46.3029, 67.6488, 64.0432

Monochromacy



Original Color

39.0042, 69.1818, 24.9334



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

38.6703, 51.3253, 38.0056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0042, 69.1818, 24.9334 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(78, 247, 106)` looks like.

```
.text, #text, p{  
    color:rgb(78, 247, 106)  
}
```

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(78, 247, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 247, 106) }
```

Border

The CSS property to change the border of an element to XYZ 39.0042, 69.1818, 24.9334 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(78, 247, 106) }
```


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

```
.border{ border-color:rgb(78, 247, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 247, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 247, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 247, 106);  
box-shadow:4px 4px 4px 4px rgb(78, 247,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0042, 69.1818, 24.9334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 247, 106) }
```

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

```
.background{ background-color: rgb(78, 247,  
106) }
```

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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