

Converting Colors

XYZ(39.4186, 70.6580, 34.2101)

Have a look what the booklet for
XYZ(39.4186, 70.6580, 34.2101)
contains.

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Color

**XYZ(39.3254, 70.5238,
34.0940)**

Conversions

Conversions Part 1

Format	Color
Hex	27FA86
RGB	39, 250, 134
RGB Percent	15%, 98%, 53%
CMY	0.8470, 0.0196, 0.4745
CMYK	0.84, 0.00, 0.46, 0.02
HSL	147°, 95%, 57%
HSV	147°, 84%, 98%
XYZ	39.3254, 70.5238, 34.0940
YIQ	173.6870, -88.5200, -80.8080

Conversions

Conversions Part 2

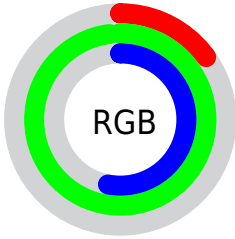
Format	Color
R_{YB}	39, 184, 250
Decimal	2620038
CIE _{Lab}	87.25, -72.48, 42.21
CIE _{LCh}	87, 83.876, 149.784
Yxy	70.5238, 0.2732, 0.4899
Android (android.graphics.Color)	4280810118 (0xFF27FA86)
YUV	173.6870, -19.5657, -118.1205
Hunter-Lab	83.9784, -63.3744, 34.7141

Details

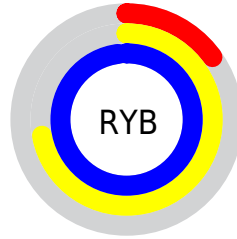
The XYZ color **39.3254, 70.5238, 34.0940** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle washed spring green. A complement of this color would be **46.0686, 24.1431, 33.2457**, and the grayscale version is **40.2032, 42.2969, 46.0614**.

A 20% lighter version of the original color is **53.2575, 79.4792, 60.6782**, and **20.3726, 38.3085, 14.3032** is the 20% darker color. If you saturate the color by 10%, you get **37.7740, 69.8296, 29.3392**, and if you desaturate by 10%, it is **41.6271, 71.5942, 39.5374**.

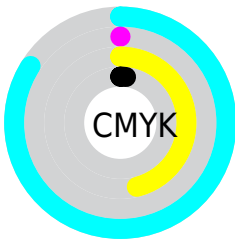
Distribution



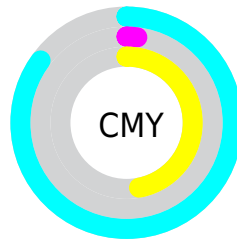
- Red (15%)
- Green (98%)
- Blue (53%)



- Red (15%)
- Yellow (72%)
- Blue (98%)



- Cyan (84%)
- Magenta (0%)
- Yellow (46%)
- Black (2%)





- Cyan (85%)
- Magenta (2%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3254, 70.5238, 34.0940 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 39.3254, 70.5238, 34.0940 by changing the saturation by 10% instead.


 39.3254, 70.5238,
34.0940


 39.3254, 70.5238,
34.0940


334.4554,
462.3870, 335.3329


 27.1948, 51.9537,
22.6879


 73.4260, 119.9554,
67.2154


 17.8569, 36.9682,
14.1601


 96.1268, 151.5857,
89.7677

 10.9464, 25.1828,
8.0921


 123.0817,
188.3382, 116.8726

 6.0978, 16.2133,
4.0653

 154.6561,
230.5972, 148.9484

 2.9459, 9.6752,
1.6612

191.2153,
278.7472, 186.4138

 1.1252, 5.1842,
0.3340

233.1247,

 0.0460, 2.3557,

333.1726, 229.6874

0.0000

280.7496,
394.2577, 279.1876

■ 0.0000, 0.8030,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.3254, 70.5238,
34.0940

■ 39.3254, 70.5238,
34.0940

■ 37.7740, 69.8296,
29.3392


■ 41.6271, 71.5942,
39.5374


■ 37.1428, 69.5562,
26.9608


■ 44.7840, 73.0887,
45.6934


■ 48.8885, 75.0563,
52.5901


■ 54.0190, 77.5369,
60.2525

 60.2454, 80.5660,
68.7044

 67.6310, 84.1761,
77.9683

 76.2344, 88.3967,
88.0657

 86.1099, 93.2555,
99.0176

 93.4769, 96.8539,
108.3756

Harmonies

Analogous

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



49.9127, 70.5238, 15.8578



39.3254, 70.5238, 34.0940



35.8264, 70.5238, 76.3805

Triad

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



39.3254, 70.5238, 34.0940



66.8882, 70.5238, 244.4940



105.5961, 70.5238, 34.5076

Complementary

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



39.3254, 70.5238, 34.0940



46.0686, 24.1431, 33.2457

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.



112.5197, 70.5238, 77.1978



39.3254, 70.5238, 34.0940



87.6735, 70.5238, 214.7590

Square

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



39.3254, 70.5238, 34.0940



49.7099, 70.5238, 213.9488



105.4030, 70.5238, 145.3861



87.9694, 70.5238, 16.0010

Rectangle

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



39.3254, 70.5238, 34.0940



37.3198, 70.5238, 119.6965



105.4030, 70.5238, 145.3861



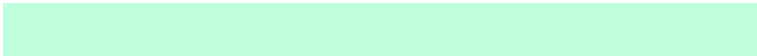
109.3899, 70.5238, 45.5980

Sweetspot

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



39.3272, 70.5267, 34.0956



70.2207, 87.7936, 80.9216



48.0814, 75.4944, 13.9577



14.4241, 18.4949, 16.5741



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.



39.3272, 70.5267, 34.0956



38.8434, 72.7534, 28.1572



50.6711, 75.0642, 93.8320



17.3422, 19.4392, 20.0028



19.7711, 36.9215, 14.6700



1.8837, 3.4406, 1.6356

Inverse Universe

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



46.0686, 24.1431, 33.2457



45.9878, 23.1591, 26.9317



40.7178, 22.0027, 5.0685



17.6439, 17.3849, 19.9808



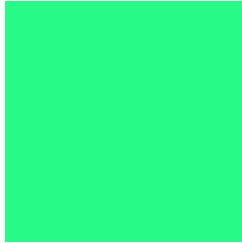
23.3975, 11.7747, 14.0678



2.2205, 1.1119, 1.5843

Previews

White Background



This preview shows how the XYZ color 39.3254, 70.5238, 34.0940 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 39.3254, 70.5238, 34.0940 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

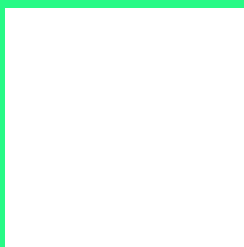
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.3254, 70.5238, 34.0940

Background



This preview shows how black text looks on a background with the XYZ color 39.3254, 70.5238, 34.0940.



This preview shows how white text looks on a background with the XYZ color 39.3254, 70.5238,

Color Blindness Simulation

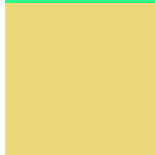
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39.3254, 70.5238, 34.0940



Protanopia

63.5856, 69.2080, 28.4195



Deuteranopia

69.7123, 68.7383, 40.6039



Tritanopia

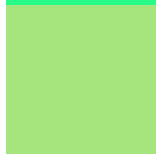
53.5249, 70.0357, 105.3049

Trichromacy



Original Color

39.3254, 70.5238, 34.0940



Protanomaly

47.5111, 65.6520, 29.9067



Deuteranomaly

49.5586, 64.1120, 37.3666



Tritanomaly

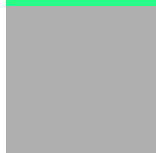
46.4376, 69.2760, 72.5521

Monochromacy



Original Color

39.3254, 70.5238, 34.0940



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

35.8360, 49.1042, 40.3902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3254, 70.5238, 34.0940 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(39, 250, 134)` looks like.

```
.text, #text, p{  
    color:rgb(39, 250, 134)  
}
```

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(39, 250, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 250, 134) }
```

Border

The CSS property to change the border of an element to XYZ 39.3254, 70.5238, 34.0940 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(39, 250, 134) }
```


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

```
.border{ border-color:rgb(39, 250, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 250, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 250, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 250, 134);  
box-shadow:4px 4px 4px 4px rgb(39, 250,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3254, 70.5238, 34.0940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 250, 134) }
```

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

```
.background{ background-color: rgb(39, 250,  
134) }
```

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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