

Converting Colors

XYZ(54.0076, 39.0131, 99.2915)

Have a look what the booklet for
XYZ(54.0076, 39.0131, 99.2915)
contains.

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Color

**XYZ(54.1470, 39.1084,
99.3026)**

Conversions

Conversions Part 1

Format	Color
Hex	D489FF
RGB	212, 137, 255
RGB Percent	83%, 54%, 100%
CMY	0.1686, 0.4627, 0.0000
CMYK	0.17, 0.46, 0.00, 0.00
HSL	278°, 100%, 77%
HSV	278°, 46%, 100%
XYZ	54.1470, 39.1084, 99.3026
YIQ	172.8770, 6.8220, 52.5980

Conversions

Conversions Part 2

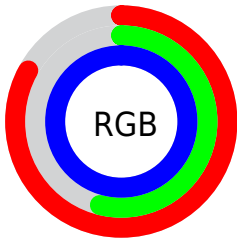
Format	Color
R _Y B	212, 137, 255
Decimal	13928959
CIE Lab	68.83, 48.85, -47.70
CIE LCh	69, 68.270, 315.683
Yxy	39.1084, 0.2812, 0.2031
Android (android.graphics.Color)	4292119039 (0xFFD489FF)
YUV	172.8770, 40.4866, 34.3109
Hunter-Lab	62.5367, 45.1138, -50.3714

Details

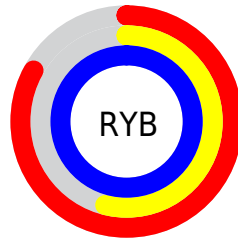
The XYZ color **54.1470, 39.1084, 99.3026** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **59.0986, 83.0298, 36.5801**, and the grayscale version is **39.4571, 41.5119, 45.2065**.

A 20% lighter version of the original color is **78.1396, 66.1793, 103.2632**, and **26.8809, 17.3864, 55.3652** is the 20% darker color. If you saturate the color by 10%, you get **48.3393, 31.3551, 98.1121**, and if you desaturate by 10%, it is **60.9679, 48.6571, 100.7861**.

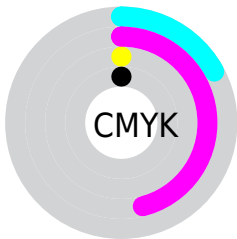
Distribution



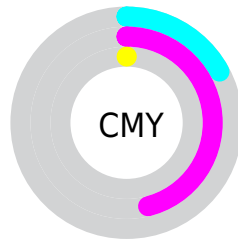
- Red (83%)
- Green (54%)
- Blue (100%)



- Red (83%)
- Yellow (54%)
- Blue (100%)



- Cyan (17%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)





- Cyan (17%)
- Magenta (46%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1470, 39.1084, 99.3026 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 54.1470, 39.1084, 99.3026 by changing the saturation by 10% instead.


 54.1470, 39.1084,
99.3026


 54.1470, 39.1084,
99.3026


392.8595,
342.3511, 579.1820


 38.9503, 26.8441,
75.1046

 95.4457, 73.8039,
162.2420

 26.9016, 17.4561,
55.1963

 122.2784, 97.0038,
201.8204

 17.6356, 10.5602,
39.1593


 153.7205,
124.6178, 247.3628

 10.7868, 5.7720,
26.5749

190.1374,
157.0301, 299.2876

 5.9899, 2.7069,
17.0246

231.8944,
194.6252, 358.0134

 2.8795, 0.9807,
10.0899

279.3568,

 1.0904, 0.0000,

237.7875, 423.9587

5.3522

332.8901,
286.9013, 497.5420

■ 0.0170, 0.0000,
2.3930

■ 0.0000, 0.0000,
0.7826

■ 54.1470, 39.1084,
99.3026

■ 54.1470, 39.1084,
99.3026

■ 48.3393, 31.3551,
98.1121

■ 60.9679, 48.6571,
100.7861

■ 43.4771, 25.2687,
97.1936

■ 68.8559, 60.1085,
102.5808

■ 39.4897, 20.7107,
96.5240

■ 77.8654, 73.5667,
104.7036

■ 36.2930, 17.5170,
96.0760

■ 88.0457, 89.1268,
107.1704

■ 33.7830, 15.4838,
95.8159

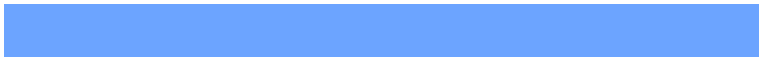
95.0500, 100.0000,
108.9000

■ 32.9661, 14.9095,
95.7481

Harmonies

Analogous

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



43.0884, 39.1084, 129.6560



54.1470, 39.1084, 99.3026



61.2153, 39.1084, 59.0954

Triad

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



54.1470, 39.1084, 99.3026



42.5614, 39.1084, 6.9970



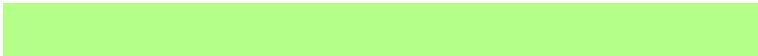
20.5132, 39.1084, 60.8204

Complementary

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



54.1470, 39.1084, 99.3026



59.0986, 83.0298, 36.5801

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.



20.4269, 39.1084, 29.4735



54.1470, 39.1084, 99.3026



31.8225, 39.1084, 7.1080

Square

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



54.1470, 39.1084, 99.3026



53.6972, 39.1084, 12.5809



24.1758, 39.1084, 13.0321



24.4403, 39.1084, 101.0808

Rectangle

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



54.1470, 39.1084, 99.3026



61.9775, 39.1084, 36.9464



24.1758, 39.1084, 13.0321



20.0638, 39.1084, 48.7643

Sweetspot

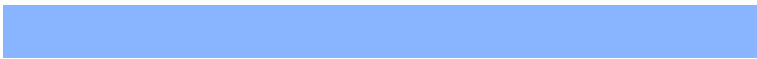
The Sweet Spot groups the original color and five complimentary colors.



54.1483, 39.1099, 99.3028



80.0747, 76.9153, 105.2335



44.7430, 45.2901, 100.9914



16.6900, 15.7821, 22.4165



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.



54.1483, 39.1099, 99.3028



48.4849, 31.5439, 98.1409



65.8058, 45.4004, 87.1633



18.1132, 17.9501, 22.7600



17.3951, 7.8780, 50.0384



1.8137, 0.8289, 4.8777

Inverse Universe

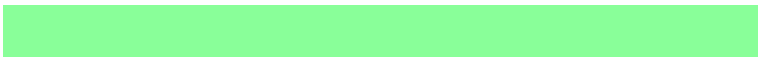
The Inverse Universe completely reimagines the original color for something new.



58.4247, 42.4479, 48.2951



53.7785, 35.5814, 39.2675



51.8053, 79.1300, 42.5665



18.2829, 18.0965, 20.1071



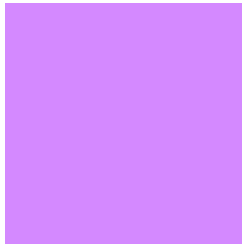
22.6446, 11.5471, 6.7788



2.2551, 1.1444, 0.9248

Previews

White Background



This preview shows how the XYZ color 54.1470, 39.1084, 99.3026 looks on a white background.

Color Contrast Check

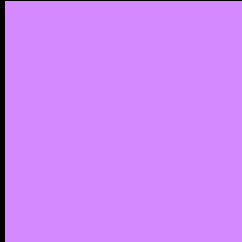
Large Text (above 18pt) WCAG AA × Fail

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 54.1470, 39.1084, 99.3026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

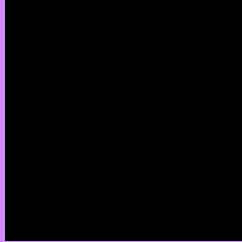
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1470, 39.1084, 99.3026

Background



This preview shows how black text looks on a background with the XYZ color 54.1470, 39.1084, 99.3026.



This preview shows how white text looks on a background with the XYZ color 54.1470, 39.1084,

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

54.1470, 39.1084, 99.3026

Protanopia

41.6585, 39.3645, 100.0102

Deuteranopia

40.5905, 39.4635, 95.1004



Tritanopia

42.5071, 38.9843, 42.8205

Trichromacy



Original Color

54.1470, 39.1084, 99.3026



Protanomaly

45.0812, 38.5552, 99.6736



Deuteranomaly

44.2013, 38.4234, 96.3536

Tritanomaly

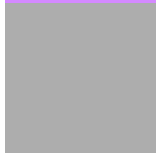
45.9603, 38.6793, 59.6871

Monochromacy



Original Color

54.1470, 39.1084, 99.3026



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

43.8438, 40.0182, 61.9134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1470, 39.1084, 99.3026 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(212, 137, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 137, 255)  
}
```

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(212, 137, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 137, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.1470, 39.1084, 99.3026 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(212, 137, 255) }
```


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

```
.border{ border-color:rgb(212, 137, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 137, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 137, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 137, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 137,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1470, 39.1084, 99.3026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 137, 255) }
```

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

```
.background{ background-color: rgb(212,  
137, 255) }
```

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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