

Converting Colors

XYZ(57.4069, 40.6875,
118.2186)

Have a look what the booklet for
XYZ(57.4069, 40.6875, 118.2186)
contains.

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Color

**XYZ(53.7168, 39.0986,
99.3233)**

Conversions

Conversions Part 1

Format	Color
Hex	D28AFF
RGB	210, 138, 255
RGB Percent	82%, 54%, 100%
CMY	0.1765, 0.4588, 0.0000
CMYK	0.18, 0.46, 0.00, 0.00
HSL	277°, 100%, 77%
HSV	277°, 46%, 100%
XYZ	53.7168, 39.0986, 99.3233
YIQ	172.8660, 5.3550, 51.6510

Conversions

Conversions Part 2

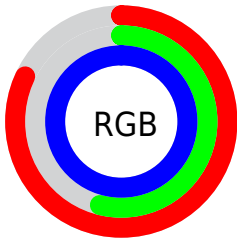
Format	Color
R _Y B	210, 138, 255
Decimal	13798143
CIE Lab	68.82, 47.78, -47.72
CIE LCh	69, 67.526, 315.033
Yxy	39.0986, 0.2796, 0.2035
Android (android.graphics.Color)	4291988223 (0xFFD28AFF)
YUV	172.8660, 40.4921, 32.5665
Hunter-Lab	62.5289, 43.9188, -50.4083

Details

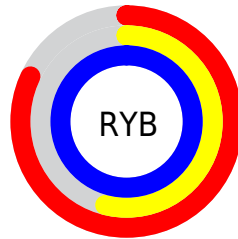
The XYZ color **53.7168, 39.0986, 99.3233** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **59.8766, 83.4226, 36.9927**, and the grayscale version is **39.4520, 41.5066, 45.2006**.

A 20% lighter version of the original color is **78.3600, 66.6199, 103.3367**, and **26.6577, 17.5051, 55.3999** is the 20% darker color. If you saturate the color by 10%, you get **47.7715, 31.2261, 98.1172**, and if you desaturate by 10%, it is **60.6946, 48.7798, 100.8242**.

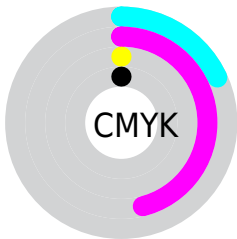
Distribution



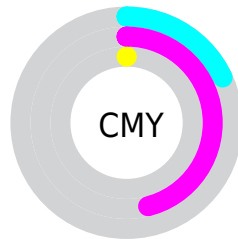
- Red (82%)
- Green (54%)
- Blue (100%)



- Red (82%)
- Yellow (54%)
- Blue (100%)



- Cyan (18%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)




- Cyan (18%)
- Magenta (46%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7168, 39.0986, 99.3233 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 53.7168, 39.0986, 99.3233 by changing the saturation by 10% instead.


 53.7168, 39.0986,
99.3233

 53.7168, 39.0986,
99.3233


391.2452,
342.3095, 579.2491

 38.6051, 26.8364,
75.1218

 94.8176, 73.7889,
162.2707

 26.6320, 17.4504,
55.2103


 121.5374, 96.9859,
201.8536

 17.4322, 10.5562,
39.1704


 152.8573,
124.5965, 247.4008

 10.6403, 5.7692,
26.5835


189.1426,
157.0053, 299.3308

 5.8910, 2.7053,
17.0310

230.7587,
194.5966, 358.0620

 2.8190, 0.9799,
10.0944

278.0709,

 1.0588, 0.0000,

237.7548, 424.0131

5.3552

331.4446,
286.8643, 497.6026

■ 0.0000, 0.0000,
2.3948

■ 0.0000, 0.0000,
0.7836

■ 53.7168, 39.0986,
99.3233

■ 53.7168, 39.0986,
99.3233

■ 47.7715, 31.2261,
98.1172

■ 60.6946, 48.7798,
100.8242

■ 42.7907, 25.0342,
97.1845

■ 68.7590, 60.3767,
102.6376

■ 38.7035, 20.3846,
96.5025

■ 77.9646, 73.9935,
104.7807

■ 35.4261, 17.1144,
96.0440

■ 88.3611, 89.7251,
107.2693

■ 32.8550, 15.0216,
95.7755

95.0500, 100.0000,
108.9000

■ 31.9400, 14.3806,
95.7000

Harmonies

Analogous

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



42.7627, 39.0986, 128.6951



53.7168, 39.0986, 99.3233



60.8145, 39.0986, 59.6897

Triad

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



53.7168, 39.0986, 99.3233



42.7375, 39.0986, 7.2359



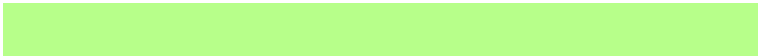
20.6123, 39.0986, 59.7721

Complementary

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



53.7168, 39.0986, 99.3233



59.8766, 83.4226, 36.9927

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.



20.6081, 39.0986, 29.0859



53.7168, 39.0986, 99.3233



32.0731, 39.0986, 7.2413

Square

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



53.7168, 39.0986, 99.3233



53.6953, 39.0986, 12.9952



24.4146, 39.0986, 13.0170



24.4273, 39.0986, 99.4079

Rectangle

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



53.7168, 39.0986, 99.3233



61.6784, 39.0986, 37.6050



24.4146, 39.0986, 13.0170



20.1930, 39.0986, 47.9576

Sweetspot

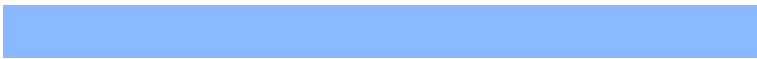
The Sweet Spot groups the original color and five complimentary colors.



53.7181, 39.1001, 99.3236



79.8276, 76.7880, 105.2219



45.8396, 47.2390, 101.3098



16.6297, 15.7509, 22.4137



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.



53.7181, 39.1001, 99.3236



48.2555, 31.8502, 98.2121



66.5521, 45.9274, 90.3893



18.0764, 17.9311, 22.7583



16.8612, 7.6028, 50.0134



1.7638, 0.8032, 4.8753

Inverse Universe

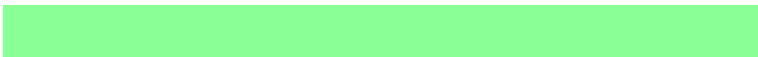
The Inverse Universe completely reimagines the original color for something new.



58.8765, 42.8571, 49.9697



54.4747, 36.3175, 41.5232



51.7231, 79.1161, 41.2741



18.2985, 18.1027, 20.1891



22.7699, 11.5973, 7.4388



2.2684, 1.1498, 0.9951

Previews

White Background



This preview shows how the XYZ color 53.7168, 39.0986, 99.3233 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 53.7168, 39.0986, 99.3233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

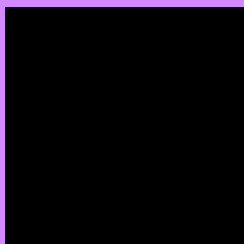
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7168, 39.0986, 99.3233

Background



This preview shows how black text looks on a background with the XYZ color 53.7168, 39.0986, 99.3233.



This preview shows how white text looks on a background with the XYZ color 53.7168, 39.0986,

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

53.7168, 39.0986, 99.3233

Protanopia

41.6585, 39.3645, 100.0102

Deuteranopia

40.4333, 39.3825, 95.0931



Tritanopia

42.2475, 39.0918, 43.3490

Trichromacy



Original Color

53.7168, 39.0986, 99.3233



Protanomaly

44.8756, 38.4492, 99.6640



Deuteranomaly

43.7983, 38.2156, 96.3347

Tritanomaly

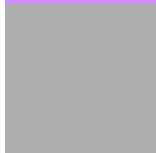
45.6966, 38.7678, 60.3328

Monochromacy



Original Color

53.7168, 39.0986, 99.3233



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

43.6000, 39.8925, 61.9020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7168, 39.0986, 99.3233 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(210, 138, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 138, 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(210, 138, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 138, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.7168, 39.0986, 99.3233 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(210, 138, 255) }
```


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

```
.border{ border-color:rgb(210, 138, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 138, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 138, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 138, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 138,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7168, 39.0986, 99.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 138, 255) }
```

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

```
.background{ background-color: rgb(210,  
138, 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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