

Converting Colors

XYZ(39.2986, 33.8888, 99.0993)

Have a look what the booklet for
XYZ(39.2986, 33.8888, 99.0993)
contains.

XYZ(39.2874, 33.8888, 99.0783)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.2874, 33.8888,
99.0783)**

Conversions

Conversions Part 1

Format	Color
Hex	8B94FF
RGB	139, 148, 255
RGB Percent	55%, 58%, 100%
CMY	0.4549, 0.4196, 0.0000
CMYK	0.45, 0.42, 0.00, 0.00
HSL	235°, 100%, 77%
HSV	235°, 45%, 100%
XYZ	39.2874, 33.8888, 99.0783
YIQ	157.5070, -39.7110, 31.3690

Conversions

Conversions Part 2

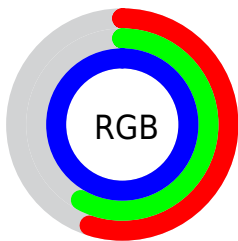
Format	Color
R_{YB}	139, 147, 255
Decimal	9147647
CIE _{Lab}	64.87, 23.86, -54.37
CIE _{LCh}	65, 59.374, 293.695
Yxy	33.8888, 0.2281, 0.1967
Android (android.graphics.Color)	4287337727 (0xFF8B94FF)
YUV	157.5070, 48.0640, -16.2306
Hunter-Lab	58.2141, 18.5910, -60.1596

Details

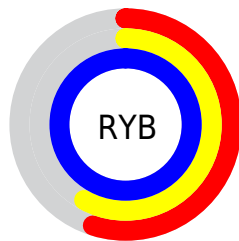
The XYZ color **39.2874, 33.8888, 99.0783** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **78.8573, 89.0377, 37.4579**, and the grayscale version is **32.0802, 33.7509, 36.7547**.

A 20% lighter version of the original color is **62.1965, 61.3314, 103.1678**, and **17.9541, 14.5619, 55.2905** is the 20% darker color. If you saturate the color by 10%, you get **32.1932, 25.3003, 97.7944**, and if you desaturate by 10%, it is **48.1265, 44.4907, 100.6588**.

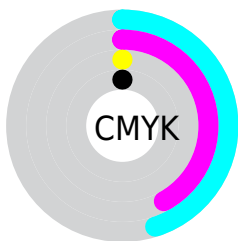
Distribution



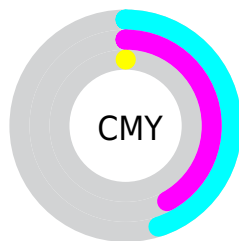
- Red (55%)
- Green (58%)
- Blue (100%)



- Red (55%)
- Yellow (58%)
- Blue (100%)



- Cyan (45%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2874, 33.8888, 99.0783 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 39.2874, 33.8888, 99.0783 by changing the saturation by 10% instead.

■ 39.2874, 33.8888,
99.0783

■ 39.2874, 33.8888,
99.0783

334.2970,
319.6359, 578.4550

■ 27.1651, 22.8082,
74.9184

■ 73.3684, 65.7607,
161.9308

■ 17.8345, 14.4519,
55.0447

■ 96.0579, 87.3208,
201.4605

■ 10.9302, 8.4357,
39.0387

123.0004,
113.1428, 246.9505

■ 6.0869, 4.3750,
26.4818

154.5614,
143.6112, 298.8195

■ 2.9391, 1.8854,
16.9554

191.1062,
179.1103, 357.4859

■ 1.1217, 0.5396,
10.0411

233.0002,

■ 0.0431, 0.0000,

220.0245, 423.3682

5.3202

280.6087,
266.7383, 496.8851

■ 0.0000, 0.0000,
2.3744

■ 0.0000, 0.0000,
0.7724

■ 39.2874, 33.8888,
99.0783

■ 39.2874, 33.8888,
99.0783

■ 32.1932, 25.3003,
97.7944

■ 48.1265, 44.4907,
100.6588

■ 26.7246, 18.5942,
96.7882

■ 58.8121, 57.2189,
102.5524

■ 22.7529, 13.6295,
96.0393

■ 71.4421, 72.1819,
104.7748

■ 20.1283, 10.2437,
95.5241

■ 86.1066, 89.4800,
107.3408

■ 18.6690, 8.2431,
95.2149

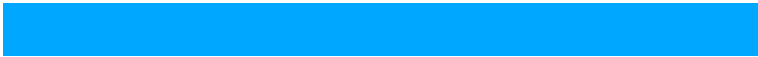
95.0500, 100.0000,
108.9000

■ 18.2963, 7.7125,
95.1321

Harmonies

Analogous

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



30.4363, 33.8888, 106.3760



39.2874, 33.8888, 99.0783



47.3776, 33.8888, 72.4352

Triad

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



39.2874, 33.8888, 99.0783



42.9709, 33.8888, 10.4573



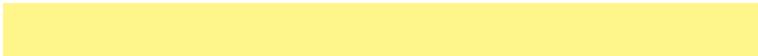
18.4645, 33.8888, 31.9607

Complementary

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



39.2874, 33.8888, 99.0783



78.8573, 89.0377, 37.4579

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.



20.6841, 33.8888, 15.4355



39.2874, 33.8888, 99.0783



34.0519, 33.8888, 7.0798

Square

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



39.2874, 33.8888, 99.0783



49.7541, 33.8888, 21.0134



26.0386, 33.8888, 8.3790



19.3676, 33.8888, 59.2676

Rectangle

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



39.2874, 33.8888, 99.0783



50.7298, 33.8888, 51.7779



26.0386, 33.8888, 8.3790



18.8554, 33.8888, 25.1845

Sweetspot

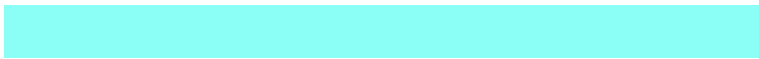
The Sweet Spot groups the original color and five complimentary colors.



39.2886, 33.8899, 99.0784



73.4934, 74.6059, 105.1346



62.9408, 83.6224, 99.4770



15.0971, 15.2201, 22.3920



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.



39.2886, 33.8899, 99.0784



32.5008, 25.6747, 97.8505



47.8593, 36.2941, 99.0907



17.1162, 17.6040, 22.7457



9.6000, 4.1096, 49.7218



0.9720, 0.4747, 4.8537

Inverse Universe

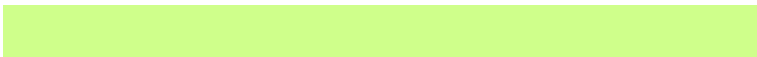
The Inverse Universe completely reimagines the original color for something new.



55.8189, 41.8650, 33.1567



51.0842, 34.9613, 23.6689



66.0603, 86.6020, 37.6623



18.0665, 18.0099, 18.9675



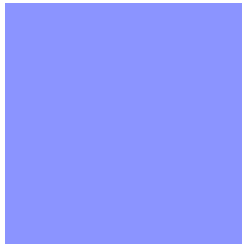
21.6338, 11.1428, 1.4563



2.1252, 1.0925, 0.2408

Previews

White Background



This preview shows how the XYZ color 39.2874, 33.8888, 99.0783 looks on a white background.

Color Contrast Check

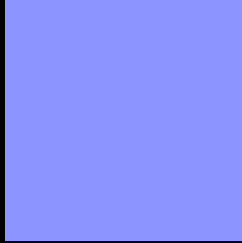
Large Text (above 18pt) WCAG AA × Fail

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 39.2874, 33.8888, 99.0783 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 39.2874, 33.8888, 99.0783

Background



This preview shows how black text looks on a background with the XYZ color 39.2874, 33.8888, 99.0783.



This preview shows how white text looks on a background with the XYZ color 39.2874, 33.8888,

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

39.2874, 33.8888, 99.0783

Protanopia

36.9417, 34.1131, 99.2452

Deuteranopia

35.0421, 33.9151, 97.6279



Tritanopia

28.9622, 33.9762, 47.1511

Trichromacy



Original Color

39.2874, 33.8888, 99.0783

Protanomaly

37.7357, 34.0364, 99.1885

Deuteranomaly

36.3844, 33.8444, 98.3809

Tritanomaly

32.1429, 33.6881, 63.2009

Monochromacy



Original Color

39.2874, 33.8888, 99.0783

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.9437, 33.5408, 55.1371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2874, 33.8888, 99.0783 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(139, 148, 255)` looks like.

```
.text, #text, p{  
    color:rgb(139, 148, 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(139, 148, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 148, 255) }
```

Border

The CSS property to change the border of an element to XYZ 39.2874, 33.8888, 99.0783 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(139, 148, 255) }
```


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

```
.border{ border-color:rgb(139, 148, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 148, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 148, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 148, 255);  
box-shadow:4px 4px 4px 4px rgb(139, 148,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2874, 33.8888, 99.0783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 148, 255) }
```

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

```
.background{ background-color: rgb(139,  
148, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor