

Converting Colors

XYZ(44.6511, 36.2653,
126.5674)

Have a look what the booklet for
XYZ(44.6511, 36.2653, 126.5674)
contains.

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Color

**XYZ(39.4449, 34.2039,
99.1308)**

Conversions

Conversions Part 1

Format	Color
Hex	8B95FF
RGB	139, 149, 255
RGB Percent	55%, 58%, 100%
CMY	0.4549, 0.4157, 0.0000
CMYK	0.45, 0.42, 0.00, 0.00
HSL	235°, 100%, 77%
HSV	235°, 45%, 100%
XYZ	39.4449, 34.2039, 99.1308
YIQ	158.0940, -39.9860, 30.8460

Conversions

Conversions Part 2

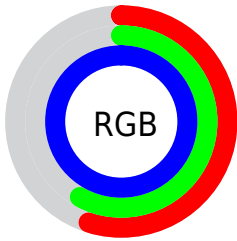
Format	Color
R_{YB}	139, 148, 255
Decimal	9147903
CIE _{Lab}	65.12, 23.28, -53.97
CIE _{LCh}	65, 58.779, 293.332
Yxy	34.2039, 0.2283, 0.1980
Android (android.graphics.Color)	4287337983 (0xFF8B95FF)
YUV	158.0940, 47.7747, -16.7454
Hunter-Lab	58.4841, 18.0431, -59.5579

Details

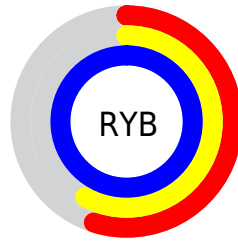
The XYZ color **39.4449, 34.2039, 99.1308** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **78.5537, 88.4306, 37.3566**, and the grayscale version is **32.3463, 34.0309, 37.0596**.

A 20% lighter version of the original color is **62.4319, 61.8022, 103.2462**, and **18.0482, 14.7502, 55.3219** is the 20% darker color. If you saturate the color by 10%, you get **32.3478, 25.6094, 97.8459**, and if you desaturate by 10%, it is **48.2748, 44.7875, 100.7082**.

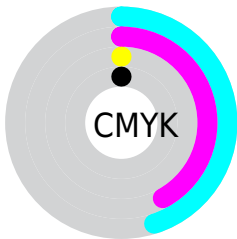
Distribution



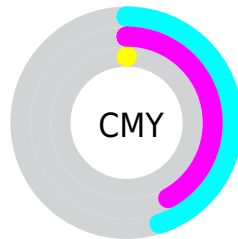
- Red (55%)
- Green (58%)
- Blue (100%)



- 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 39.4449, 34.2039, 99.1308 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 39.4449, 34.2039, 99.1308 by changing the saturation by 10% instead.

■ 39.4449, 34.2039,
99.1308

■ 39.4449, 34.2039,
99.1308

334.9530,
321.0403, 578.6252

■ 27.2883, 23.0503,
74.9620

■ 73.6072, 66.2506,
162.0036

■ 17.9276, 14.6306,
55.0802

■ 96.3436, 87.9125,
201.5447

■ 10.9974, 8.5606,
39.0669

123.3373,
113.8460, 247.0470

■ 6.1323, 4.4557,
26.5036

154.9537,
144.4354, 298.9291

■ 2.9671, 1.9316,
16.9716

191.5581,
180.0651, 357.6093

■ 1.1364, 0.5673,
10.0525

233.5159,

■ 0.0553, 0.0000,

221.1196, 423.5064

5.3277

281.1924,
267.9832, 497.0389

■ 0.0000, 0.0000,
2.3787

■ 0.0000, 0.0000,
0.7748

■ 39.4449, 34.2039,
99.1308

■ 39.4449, 34.2039,
99.1308

■ 32.3478, 25.6094,
97.8459

■ 48.2748, 44.7875,
100.7082

■ 26.8656, 18.8761,
96.8352

■ 58.9378, 57.4705,
102.5943

■ 22.8713, 13.8663,
96.0788

■ 71.5306, 72.3592,
104.8044

■ 20.2173, 10.4218,
95.5538

■ 86.1423, 89.5517,
107.3528

■ 18.7246, 8.3543,
95.2334

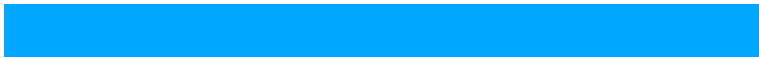
95.0500, 100.0000,
108.9000

■ 18.3365, 7.7930,
95.1455

Harmonies

Analogous

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



30.6431, 34.2039, 106.0505



39.4449, 34.2039, 99.1308



47.5127, 34.2039, 72.9059

Triad

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



39.4449, 34.2039, 99.1308



43.3157, 34.2039, 10.8497



18.7937, 34.2039, 32.0523

Complementary

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



39.4449, 34.2039, 99.1308



78.5537, 88.4306, 37.3566

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.



21.0530, 34.2039, 15.6515



39.4449, 34.2039, 99.1308



34.4507, 34.2039, 7.3646

Square

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



39.4449, 34.2039, 99.1308



50.0066, 34.2039, 21.5696



26.4393, 34.2039, 8.6259



19.6601, 34.2039, 59.1053

Rectangle

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



39.4449, 34.2039, 99.1308



50.8802, 34.2039, 52.3975



26.4393, 34.2039, 8.6259



19.1976, 34.2039, 25.3334

Sweetspot

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



39.4461, 34.2050, 99.1309



73.5753, 74.7697, 105.1619



62.6465, 83.5047, 97.9277



15.1168, 15.2593, 22.3986



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.



39.4461, 34.2050, 99.1309



32.6559, 25.9848, 97.9022



47.3883, 36.0512, 99.0687



17.1288, 17.6293, 22.7500



9.6240, 4.1577, 49.7299



0.9780, 0.4866, 4.8557

Inverse Universe

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



55.8983, 41.8967, 33.5755



51.1625, 34.9926, 24.0810



66.6026, 86.8815, 37.6875



18.0729, 18.0125, 19.0012



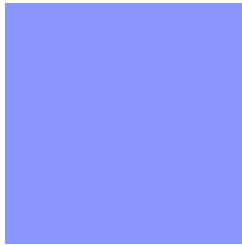
21.6460, 11.1477, 1.5202



2.1282, 1.0937, 0.2567

Previews

White Background



This preview shows how the XYZ color 39.4449, 34.2039, 99.1308 looks on a white background.

Color Contrast Check

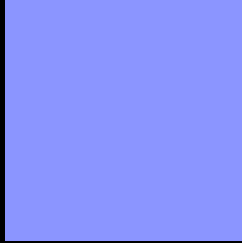
Large Text (above 18pt) WCAG AA × Fail

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 39.4449, 34.2039, 99.1308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

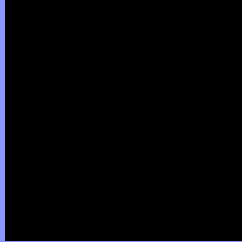
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4449, 34.2039, 99.1308

Background



This preview shows how black text looks on a background with the XYZ color 39.4449, 34.2039, 99.1308.



This preview shows how white text looks on a background with the XYZ color 39.4449, 34.2039,

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

39.4449, 34.2039, 99.1308

Protanopia

37.0768, 34.1828, 99.2515

Deuteranopia

35.4360, 34.3703, 97.6950



Tritanopia

29.2441, 34.3787, 47.7422

Trichromacy



Original Color

39.4449, 34.2039, 99.1308

Protanomaly

37.8824, 34.1121, 99.1954

Deuteranomaly

36.6810, 34.2433, 98.4423

Tritanomaly

32.4375, 34.0822, 63.9004

Monochromacy



Original Color

39.4449, 34.2039, 99.1308

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.1095, 33.8723, 55.1923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4449, 34.2039, 99.1308 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, 149, 255)` looks like.

```
.text, #text, p{  
    color:rgb(139, 149, 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, 149, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 149, 255) }
```

Border

The CSS property to change the border of an element to XYZ 39.4449, 34.2039, 99.1308 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, 149, 255) }
```


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

```
.border{ border-color:rgb(139, 149, 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, 149, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 149, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 149, 255);  
box-shadow:4px 4px 4px 4px rgb(139, 149,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4449, 34.2039, 99.1308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 149, 255) }
```

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

```
.background{ background-color: rgb(139,  
149, 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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