

Converting Colors

XYZ(43.3833, 38.9409, 99.8375)

Have a look what the booklet for
XYZ(43.3833, 38.9409, 99.8375)
contains.

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Color

**XYZ(43.3833, 38.9409,
99.8375)**

Conversions

Conversions Part 1

Format	Color
Hex	97A0FF
RGB	151, 160, 255
RGB Percent	59%, 63%, 100%
CMY	0.4078, 0.3725, 0.0000
CMYK	0.41, 0.37, 0.00, 0.00
HSL	235°, 100%, 80%
HSV	235°, 41%, 100%
XYZ	43.3833, 38.9409, 99.8375
YIQ	168.1390, -35.8590, 27.6370

Conversions

Conversions Part 2

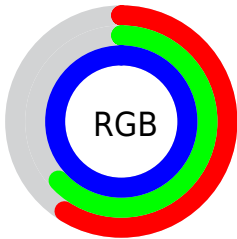
Format	Color
RYB	151, 159, 255
Decimal	9937151
CIELab	68.71, 19.85, -48.25
CIELCh	69, 52.176, 292.363
Yxy	38.9409, 0.2382, 0.2138
Android (android.graphics.Color)	4288127231 (0xFF97A0FF)
YUV	168.1390, 42.8225, -15.0309
Hunter-Lab	62.4026, 14.8914, -51.1758

Details

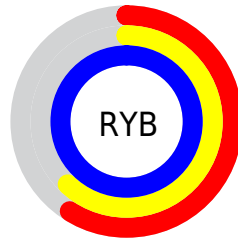
The XYZ color **43.3833, 38.9409, 99.8375** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **79.7827, 89.4073, 42.3325**, and the grayscale version is **37.0978, 39.0298, 42.5035**.

A 20% lighter version of the original color is **68.6449, 69.3762, 104.3807**, and **20.3810, 17.4474, 55.7196** is the 20% darker color. If you saturate the color by 10%, you get **35.4857, 29.4267, 98.4174**, and if you desaturate by 10%, it is **53.0635, 50.4984, 101.5582**.

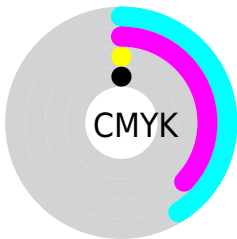
Distribution



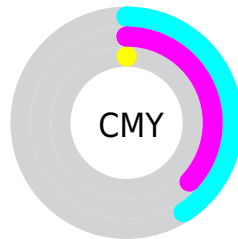
- Red (59%)
- Green (63%)
- Blue (100%)



- Red (59%)
- Yellow (62%)
- Blue (100%)



- Cyan (41%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3833, 38.9409, 99.8375 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 43.3833, 38.9409, 99.8375 by changing the saturation by 10% instead.

43.3833, 38.9409,
99.8375

43.3833, 38.9409,
99.8375

351.0806,
341.6392, 580.9138

30.3818, 26.7138,
75.5487

79.5411, 73.5480,
162.9838

20.2781, 17.3584,
55.5581

103.4280, 96.6968,
202.6783

12.7068, 10.4903,
39.4471

131.6742,
124.2549, 248.3453

7.3025, 5.7252,
26.7972

164.6450,
156.6067, 300.4030

3.7000, 2.6787,
17.1899

202.7056,
194.1367, 359.2702

1.5339, 0.9664,
10.2066

246.2215,

0.3487, 0.0000,

237.2291, 425.3654

5.4288

295.5581,
286.2685, 499.1071

■ 0.0000, 0.0000,
2.4379

■ 0.0000, 0.0000,
0.8070

■ 43.3833, 38.9409,
99.8375

■ 43.3833, 38.9409,
99.8375

■ 35.4857, 29.4267,
98.4174

■ 53.0635, 50.4984,
101.5582

■ 29.2576, 21.8327,
97.2798

■ 64.6220, 64.2044,
103.5945

■ 24.5795, 16.0288,
96.4061

■ 78.1524, 80.1620,
105.9615

■ 21.3138, 11.8670,
95.7749

■ 93.7410, 98.4661,
108.6729

■ 19.2984, 9.1750,
95.3616

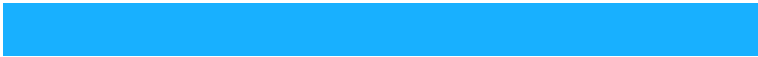
95.0500, 100.0000,
108.9000

■ 18.3381, 7.7962,
95.1460

Harmonies

Analogous

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



34.9433, 38.9409, 105.2685



43.3833, 38.9409, 99.8375



51.0527, 38.9409, 76.6435

Triad

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



43.3833, 38.9409, 99.8375



47.5716, 38.9409, 15.6351



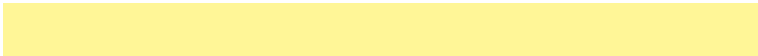
23.4081, 38.9409, 36.6431

Complementary

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



43.3833, 38.9409, 99.8375



79.7827, 89.4073, 42.3325

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.



25.8154, 38.9409, 20.2640



43.3833, 38.9409, 99.8375



39.1611, 38.9409, 11.4262

Square

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



43.3833, 38.9409, 99.8375



53.7105, 38.9409, 27.3542



31.2975, 38.9409, 12.7306



24.1922, 38.9409, 62.1460

Rectangle

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



43.3833, 38.9409, 99.8375



54.2861, 38.9409, 57.7124



31.2975, 38.9409, 12.7306



23.8567, 38.9409, 30.0682

Sweetspot

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



43.3846, 38.9423, 99.8377



76.3967, 78.0955, 105.6551



64.9438, 84.6679, 98.9864



15.9561, 16.2493, 22.5454



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.



43.3846, 38.9423, 99.8377



36.7680, 30.9786, 98.6493



51.0085, 40.6400, 99.7636



17.1293, 17.6302, 22.7501



9.6250, 4.1596, 49.7302



0.9782, 0.4871, 4.8557

Inverse Universe

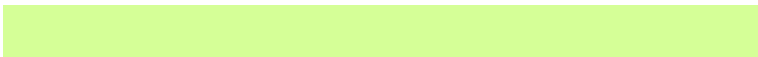
The Inverse Universe completely reimagines the original color for something new.



58.6528, 45.9329, 39.0335



54.0267, 39.1575, 29.8557



68.9036, 87.9608, 42.6267



18.0732, 18.0126, 19.0025



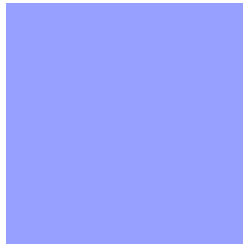
21.6465, 11.1479, 1.5228



2.1283, 1.0937, 0.2573

Previews

White Background



This preview shows how the XYZ color 43.3833, 38.9409, 99.8375 looks on a white background.

Color Contrast Check

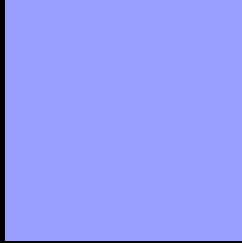
Large Text (above 18pt) WCAG AA × Fail

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 43.3833, 38.9409, 99.8375 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 43.3833, 38.9409, 99.8375

Background



This preview shows how black text looks on a background with the XYZ color 43.3833, 38.9409, 99.8375.



This preview shows how white text looks on a background with the XYZ color 43.3833, 38.9409,

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

43.3833, 38.9409, 99.8375

Protanopia

41.3171, 38.9218, 99.9428

Deuteranopia

40.3123, 39.2288, 99.2132



Tritanopia

34.0447, 38.9713, 53.3048

Trichromacy



Original Color

43.3833, 38.9409, 99.8375

Protanomaly

42.1317, 39.0771, 99.9298

Deuteranomaly

41.1565, 38.8576, 99.0970

Tritanomaly

36.8868, 38.7048, 67.8140

Monochromacy



Original Color

43.3833, 38.9409, 99.8375

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.7808, 38.7618, 60.0814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3833, 38.9409, 99.8375 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(151, 160, 255)` looks like.

```
.text, #text, p{  
    color:rgb(151, 160, 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(151, 160, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 160, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.3833, 38.9409, 99.8375 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(151, 160, 255) }
```


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

```
.border{ border-color:rgb(151, 160, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 160, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 160, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 160, 255);  
box-shadow:4px 4px 4px 4px rgb(151, 160,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3833, 38.9409, 99.8375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 160, 255) }
```

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

```
.background{ background-color: rgb(151,  
160, 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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