

Converting Colors

XYZ(38.5365, 33.5613, 99.0546)

Have a look what the booklet for
XYZ(38.5365, 33.5613, 99.0546)
contains.

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Color

**XYZ(38.4714, 33.4681,
99.0401)**

Conversions

Conversions Part 1

Format	Color
Hex	8694FF
RGB	134, 148, 255
RGB Percent	53%, 58%, 100%
CMY	0.4745, 0.4196, 0.0000
CMYK	0.47, 0.42, 0.00, 0.00
HSL	233°, 100%, 76%
HSV	233°, 47%, 100%
XYZ	38.4714, 33.4681, 99.0401
YIQ	156.0120, -42.6910, 30.3090

Conversions

Conversions Part 2

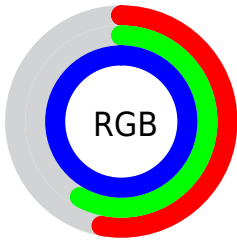
Format	Color
RYB	134, 147, 255
Decimal	8819967
CIELab	64.54, 22.71, -54.92
CIELCh	65, 59.434, 292.466
Yxy	33.4681, 0.2250, 0.1957
Android (android.graphics.Color)	4287010047 (0xFF8694FF)
YUV	156.0120, 48.8011, -19.3045
Hunter-Lab	57.8516, 17.4624, -61.0064

Details

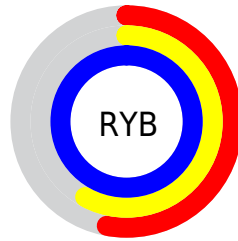
The XYZ color **38.4714, 33.4681, 99.0401** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **76.9998, 85.8940, 35.0771**, and the grayscale version is **31.4093, 33.0450, 35.9860**.

A 20% lighter version of the original color is **60.9088, 60.6675, 103.1075**, and **17.4624, 14.3084, 55.2675** is the 20% darker color. If you saturate the color by 10%, you get **31.6869, 25.2218, 97.8060**, and if you desaturate by 10%, it is **46.9270, 43.5996, 100.5500**.

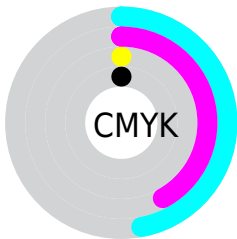
Distribution



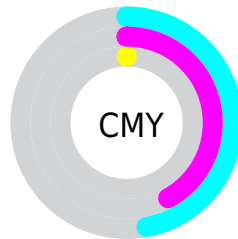
- Red (53%)
- Green (58%)
- Blue (100%)



- Red (53%)
- Yellow (58%)
- Blue (100%)



- Cyan (47%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4714, 33.4681, 99.0401 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 38.4714, 33.4681, 99.0401 by changing the saturation by 10% instead.

■ 38.4714, 33.4681,
99.0401

■ 38.4714, 33.4681,
99.0401

330.8838,
317.7538, 578.3311

■ 26.5276, 22.4853,
74.8867

■ 72.1294, 65.1057,
161.8778

■ 17.3535, 14.2139,
55.0189

■ 94.5742, 86.5292,
201.3992

■ 10.5837, 8.2696,
39.0182

■ 121.2502,
112.2018, 246.8803

■ 5.8529, 4.2679,
26.4659

152.5226,
142.5077, 298.7397

■ 2.7956, 1.8245,
16.9436

188.7569,
177.8315, 357.3960

■ 1.0466, 0.5024,
10.0328

230.3182,

■ 0.0000, 0.0000,

218.5575, 423.2676

5.3148

277.5721,
265.0702, 496.7731

■ 0.0000, 0.0000,
2.3712

■ 0.0000, 0.0000,
0.7707

■ 38.4714, 33.4681,
99.0401

■ 38.4714, 33.4681,
99.0401

■ 31.6869, 25.2218,
97.8060

■ 46.9270, 43.5996,
100.5500

■ 26.4582, 18.7402,
96.8305

■ 57.1515, 55.7202,
102.3506

■ 22.6608, 13.8937,
96.0951

■ 69.2394, 69.9298,
104.4562

■ 20.1489, 10.5333,
95.5789

■ 83.2775, 86.3210,
106.8802

■ 18.7399, 8.4789,
95.2566

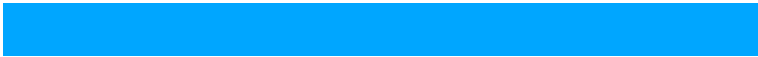
95.0500, 100.0000,
108.9000

■ 18.5017, 8.1233,
95.2006

Harmonies

Analogous

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



29.7160, 33.4681, 105.2970



38.4714, 33.4681, 99.0401



46.6054, 33.4681, 73.0279

Triad

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



38.4714, 33.4681, 99.0401



42.8386, 33.4681, 10.5045



18.2066, 33.4681, 30.6440

Complementary

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



38.4714, 33.4681, 99.0401



76.9998, 85.8940, 35.0771

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.



20.5335, 33.4681, 14.7213



38.4714, 33.4681, 99.0401



34.0010, 33.4681, 6.9523

Square

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



38.4714, 33.4681, 99.0401



49.4236, 33.4681, 21.3251



25.9664, 33.4681, 8.0484



18.9748, 33.4681, 57.4064

Rectangle

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



38.4714, 33.4681, 99.0401



50.0716, 33.4681, 52.4339



25.9664, 33.4681, 8.0484



18.6360, 33.4681, 24.0838

Sweetspot

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



38.4726, 33.4692, 99.0402



73.8564, 75.3319, 105.2556



61.4522, 82.9327, 95.8970



15.1842, 15.3942, 22.4210



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.



38.4726, 33.4692, 99.0402



31.9573, 25.5532, 97.8557



45.4884, 34.0215, 98.7770



17.1722, 17.7160, 22.7644



9.7208, 4.3512, 49.7621



0.9984, 0.5274, 4.8625

Inverse Universe

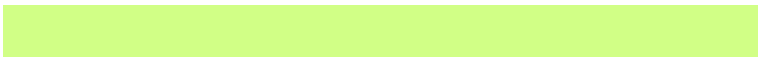
The Inverse Universe completely reimagines the original color for something new.



55.1113, 40.4499, 32.9207



50.5741, 33.8548, 23.7651



66.2502, 86.7411, 35.8072



18.0948, 18.0212, 19.1164



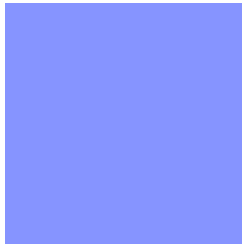
21.6948, 11.1672, 1.7774



2.1385, 1.0978, 0.3109

Previews

White Background



This preview shows how the XYZ color 38.4714, 33.4681, 99.0401 looks on a white background.

Color Contrast Check

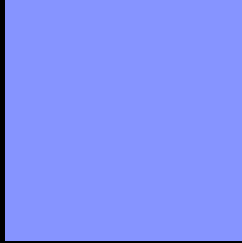
Large Text (above 18pt) WCAG AA × Fail

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 38.4714, 33.4681, 99.0401 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 38.4714, 33.4681, 99.0401

Background



This preview shows how black text looks on a background with the XYZ color 38.4714, 33.4681, 99.0401.



This preview shows how white text looks on a background with the XYZ color 38.4714, 33.4681,

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

38.4714, 33.4681, 99.0401

Protanopia

36.5115, 33.6473, 99.1780

Deuteranopia

34.7164, 33.7472, 97.6126



Tritanopia

28.1731, 33.5694, 47.1141

Trichromacy



Original Color

38.4714, 33.4681, 99.0401

Protanomaly

37.1426, 33.4908, 99.1145

Deuteranomaly

35.8754, 33.5820, 98.3571

Tritanomaly

31.2844, 33.2456, 63.1607

Monochromacy



Original Color

38.4714, 33.4681, 99.0401

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.1184, 32.8841, 54.4709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4714, 33.4681, 99.0401 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(134, 148, 255)` looks like.

```
.text, #text, p{  
    color:rgb(134, 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(134, 148, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 148, 255) }
```

Border

The CSS property to change the border of an element to XYZ 38.4714, 33.4681, 99.0401 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(134, 148, 255) }
```


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

```
.border{ border-color:rgb(134, 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(134, 148, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 148, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 148, 255);  
box-shadow:4px 4px 4px 4px rgb(134, 148,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4714, 33.4681, 99.0401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 148, 255) }
```

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

```
.background{ background-color: rgb(134,  
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](#).

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