

Converting Colors

XYZ(46.0204, 35.1404,
140.5983)

Have a look what the booklet for
XYZ(46.0204, 35.1404, 140.5983)
contains.

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Color

**XYZ(38.0395, 31.8844,
98.7571)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 898EFF |
| RGB | 137, 142, 255 |
| RGB Percent | 54%, 56%, 100% |
| CMY | 0.4627, 0.4431, 0.0000 |
| CMYK | 0.46, 0.44, 0.00, 0.00 |
| HSL | 237°, 100%, 77% |
| HSV | 237°, 46%, 100% |
| XYZ | 38.0395, 31.8844, 98.7571 |
| YIQ | 153.3870, -39.2530, 34.0830 |

Conversions

Conversions Part 2

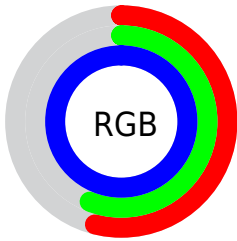
| Format | Color |
|-------------------------------------|---|
| RYB | 137, 142, 255 |
| Decimal | 9015039 |
| CIELab | 63.25, 26.89, -56.96 |
| CIElCh | 63, 62.991, 295.267 |
| Yxy | 31.8844, 0.2255, 0.1890 |
| Android (android.graphics.Color) | 4287205119 (0xFF898EFF) |
| YUV | 153.3870, 50.0952, -14.3714 |
| Hunter-Lab | 56.4663, 21.4337, -64.1693 |

Details

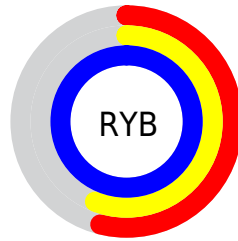
The XYZ color **38.0395, 31.8844, 98.7571** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **79.9422, 91.4392, 37.1049**, and the grayscale version is **30.2486, 31.8239, 34.6563**.

A 20% lighter version of the original color is **60.2956, 58.3020, 102.6832**, and **17.1621, 13.3512, 55.0986** is the 20% darker color. If you saturate the color by 10%, you get **31.0986, 23.4910, 97.5029**, and if you desaturate by 10%, it is **46.7662, 42.3806, 100.3232**.

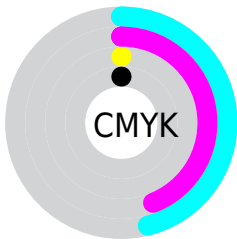
Distribution



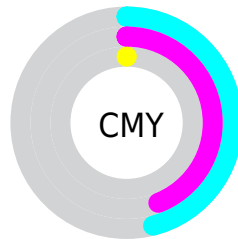
- Red (54%)
- Green (56%)
- Blue (100%)



- Red (54%)
- Yellow (56%)
- Blue (100%)



- Cyan (46%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0395, 31.8844, 98.7571 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 38.0395, 31.8844, 98.7571 by changing the saturation by 10% instead.

■ 38.0395, 31.8844,
98.7571

■ 38.0395, 31.8844,
98.7571

329.0673,
310.5923, 577.4130

■ 26.1907, 21.2732,
74.6519

■ 71.4722, 62.6298,
161.4851

■ 17.0998, 13.3239,
54.8277

■ 93.7868, 83.5328,
200.9448

■ 10.4014, 7.6519,
38.8661

■ 120.3207,
108.6353, 246.3599

■ 5.7302, 3.8730,
26.3486

151.4393,
138.3215, 298.1488

■ 2.7208, 1.6028,
16.8565

187.5079,
172.9759, 356.7300

■ 1.0079, 0.3595,
9.9713

228.8918,

■ 0.0000, 0.0000,

212.9830, 422.5220

5.2746

275.9565,
258.7269, 495.9436

■ 0.0000, 0.0000,
2.3477

■ 0.0000, 0.0000,
0.7578

■ 38.0395, 31.8844,
98.7571

■ 38.0395, 31.8844,
98.7571

■ 31.0986, 23.4910,
97.5029

■ 46.7662, 42.3806,
100.3232

■ 25.8168, 17.0559,
96.5392

■ 57.3867, 55.1049,
102.2194

■ 22.0564, 12.4210,
95.8427

■ 70.0046, 70.1764,
104.4635

■ 19.6560, 9.4029,
95.3867

■ 84.7150, 87.7049,
107.0715

■ 18.4174, 7.7782,
95.1384

95.0500, 100.0000,
108.9000

■ 18.1674, 7.4548,
95.0891

Harmonies

Analogous

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



28.9428, 31.8844, 107.9209



38.0395, 31.8844, 98.7571



46.2770, 31.8844, 69.8882

Triad

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



38.0395, 31.8844, 98.7571



40.8961, 31.8844, 8.3190



16.4793, 31.8844, 30.9039

Complementary

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



38.0395, 31.8844, 98.7571



79.9422, 91.4392, 37.1049

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.



18.5095, 31.8844, 13.9165



38.0395, 31.8844, 98.7571



31.7096, 31.8844, 5.4834

Square

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



38.0395, 31.8844, 98.7571



48.1357, 31.8844, 17.9902



23.6974, 31.8844, 6.8824



17.5315, 31.8844, 59.5093

Rectangle

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



38.0395, 31.8844, 98.7571



49.5832, 31.8844, 48.4150



23.6974, 31.8844, 6.8824



16.8106, 31.8844, 23.8816

Sweetspot

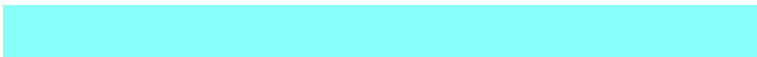
The Sweet Spot groups the original color and five complimentary colors.



38.0407, 31.8855, 98.7573



73.1606, 73.9403, 105.0237



63.1919, 83.6846, 102.5267



15.0175, 15.0607, 22.3655



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.



38.0407, 31.8855, 98.7573



31.2652, 23.6932, 97.5331



48.2572, 36.0731, 99.0271



17.0647, 17.5010, 22.7286



9.5194, 3.9484, 49.6950



0.9476, 0.4259, 4.8455

Inverse Universe

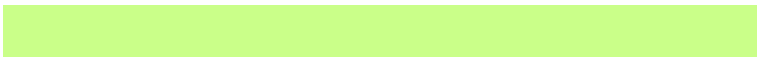
The Inverse Universe completely reimagines the original color for something new.



55.0690, 41.1058, 30.6238



50.3410, 34.2064, 21.1661



64.6064, 85.8692, 36.8381



18.0405, 17.9995, 18.8307



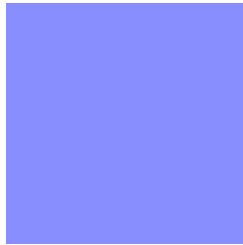
21.5932, 11.1266, 1.2421



2.1129, 1.0875, 0.1761

Previews

White Background



This preview shows how the XYZ color 38.0395, 31.8844, 98.7571 looks on a white background.

Color Contrast Check

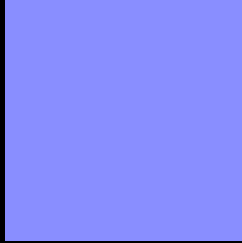
Large Text (above 18pt) WCAG AA × Fail

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 38.0395, 31.8844, 98.7571 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 38.0395, 31.8844, 98.7571

Background



This preview shows how black text looks on a background with the XYZ color 38.0395, 31.8844, 98.7571.



This preview shows how white text looks on a background with the XYZ color 38.0395, 31.8844,

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

38.0395, 31.8844, 98.7571

Protanopia

35.1041, 31.9661, 98.9276

Deuteranopia

33.1508, 32.2142, 96.5662



Tritanopia

27.0531, 31.7361, 44.2350

Trichromacy



Original Color

38.0395, 31.8844, 98.7571

Protanomaly

35.9366, 31.6997, 98.8323

Deuteranomaly

34.5798, 31.9687, 97.2765

Tritanomaly

30.1968, 31.2318, 60.9367

Monochromacy



Original Color

38.0395, 31.8844, 98.7571

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.0743, 31.4156, 53.0885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0395, 31.8844, 98.7571 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(137, 142, 255)` looks like.

```
.text, #text, p{  
    color:rgb(137, 142, 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(137, 142, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 142, 255) }
```

Border

The CSS property to change the border of an element to XYZ 38.0395, 31.8844, 98.7571 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(137, 142, 255) }
```


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

```
.border{ border-color:rgb(137, 142, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 142, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 142, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 142, 255);  
box-shadow:4px 4px 4px 4px rgb(137, 142,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0395, 31.8844, 98.7571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 142, 255) }
```

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

```
.background{ background-color: rgb(137,  
142, 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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