

Converting Colors

XYZ(38.3593, 31.6914, 98.7030)

Have a look what the booklet for
XYZ(38.3593, 31.6914, 98.7030)
contains.

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Color

**XYZ(38.2433, 31.5516,
98.6822)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8CFF
RGB	140, 140, 255
RGB Percent	55%, 55%, 100%
CMY	0.4510, 0.4510, 0.0000
CMYK	0.45, 0.45, 0.00, 0.00
HSL	240°, 100%, 77%
HSV	240°, 45%, 100%
XYZ	38.2433, 31.5516, 98.6822
YIQ	153.1100, -36.9150, 35.7650

Conversions

Conversions Part 2

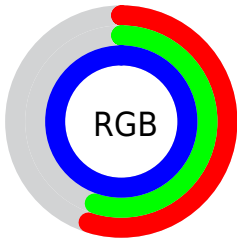
Format	Color
RYB	140, 140, 255
Decimal	9211135
CIELab	62.97, 28.74, -57.39
CIELCh	63, 64.185, 296.597
Yxy	31.5516, 0.2270, 0.1873
Android (android.graphics.Color)	4287401215 (0xFF8C8CFF)
YUV	153.1100, 50.2318, -11.4975
Hunter-Lab	56.1708, 23.2309, -64.8425

Details

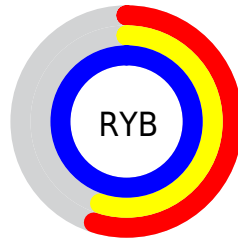
The XYZ color **38.2433, 31.5516, 98.6822** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **81.7326, 94.6729, 38.7776**, and the grayscale version is **30.1270, 31.6959, 34.5169**.

A 20% lighter version of the original color is **60.6305, 57.8093, 102.5705**, and **17.2425, 13.1389, 55.0534** is the 20% darker color. If you saturate the color by 10%, you get **31.1295, 22.9796, 97.4025**, and if you desaturate by 10%, it is **47.2180, 42.3652, 100.2964**.

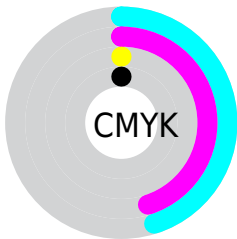
Distribution



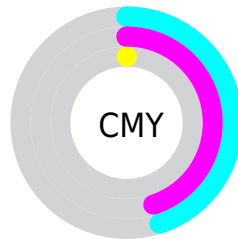
- Red (55%)
- Green (55%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2433, 31.5516, 98.6822 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 38.2433, 31.5516, 98.6822 by changing the saturation by 10% instead.

■ 38.2433, 31.5516,
98.6822

■ 38.2433, 31.5516,
98.6822

329.9253,
309.0715, 577.1699

■ 26.3496, 21.0192,
74.5897

■ 71.7824, 62.1075,
161.3811

■ 17.2194, 13.1381,
54.7771

■ 94.1586, 82.8998,
200.8246

■ 10.4873, 7.5237,
38.8259

■ 120.7596,
107.8808, 246.2221

■ 5.7880, 3.7917,
26.3175

151.9508,
137.4351, 297.9923

■ 2.7560, 1.5577,
16.8334

188.0977,
171.9469, 356.5536

■ 1.0261, 0.3289,
9.9551

229.5655,

■ 0.0000, 0.0000,

211.8006, 422.3246

5.2640

276.7196,
257.3807, 495.7239

■ 0.0000, 0.0000,
2.3415

■ 0.0000, 0.0000,
0.7543

■ 38.2433, 31.5516,
98.6822

■ 38.2433, 31.5516,
98.6822

■ 31.1295, 22.9796,
97.4025

■ 47.2180, 42.3652,
100.2964

■ 25.7430, 16.4893,
96.4337

■ 58.1680, 55.5593,
102.2660

■ 21.9379, 11.9044,
95.7493

■ 71.2024, 71.2650,
104.6105

■ 19.5428, 9.0186,
95.3185

■ 86.4215, 89.6031,
107.3480

■ 18.3465, 7.5772,
95.1033

95.0500, 100.0000,
108.9000

■ 18.0501, 7.2200,
95.0500

Harmonies

Analogous

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



28.9932, 31.5516, 109.2551



38.2433, 31.5516, 98.6822



46.4973, 31.5516, 68.6426

Triad

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



38.2433, 31.5516, 98.6822



40.3310, 31.5516, 7.6628



16.0420, 31.5516, 31.5507

Complementary

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



38.2433, 31.5516, 98.6822



81.7326, 94.6729, 38.7776

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.



17.9391, 31.5516, 13.9485



38.2433, 31.5516, 98.6822



31.0070, 31.5516, 5.0980

Square

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



38.2433, 31.5516, 98.6822



47.8592, 31.5516, 16.8702



23.0168, 31.5516, 6.6504



17.2337, 31.5516, 61.0203

Rectangle

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



38.2433, 31.5516, 98.6822



49.7031, 31.5516, 46.8912



23.0168, 31.5516, 6.6504



16.3285, 31.5516, 24.2785

Sweetspot

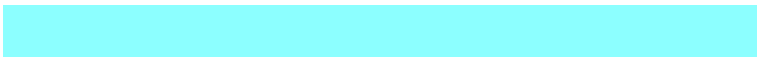
The Sweet Spot groups the original color and five complimentary colors.



38.2445, 31.5526, 98.6823



72.7639, 73.1465, 104.8914



64.6255, 84.3156, 107.4762



14.9226, 14.8709, 22.3338



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.



38.2445, 31.5526, 98.6823



31.8233, 23.8156, 97.5273



50.5857, 37.9148, 99.2599



17.0031, 17.3778, 22.7080



9.4316, 3.7726, 49.6657



0.9183, 0.3673, 4.8358

Inverse Universe

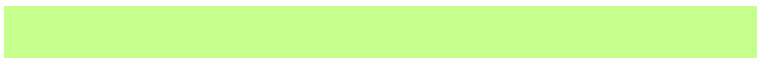
The Inverse Universe completely reimagines the original color for something new.



68.6679, 47.2365, 100.1034



65.6857, 41.2724, 99.1089



63.6511, 85.3516, 37.9314



18.7927, 18.3004, 22.7917



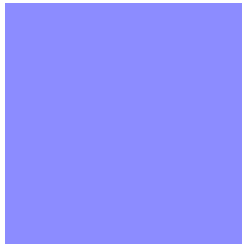
30.9797, 14.8812, 50.6711



3.0164, 1.4489, 4.9337

Previews

White Background



This preview shows how the XYZ color 38.2433, 31.5516, 98.6822 looks on a white background.

Color Contrast Check

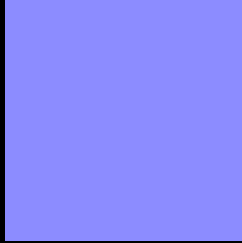
Large Text (above 18pt) WCAG AA × Fail

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 38.2433, 31.5516, 98.6822 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 38.2433, 31.5516, 98.6822

Background



This preview shows how black text looks on a background with the XYZ color 38.2433, 31.5516, 98.6822.



This preview shows how white text looks on a background with the XYZ color 38.2433, 31.5516,

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

38.2433, 31.5516, 98.6822

Protanopia

34.8609, 31.8407, 98.9162

Deuteranopia

32.7997, 31.7892, 96.5027



Tritanopia

27.1806, 31.5567, 43.6882

Trichromacy



Original Color

38.2433, 31.5516, 98.6822

Protanomaly

35.9366, 31.6997, 98.8323

Deuteranomaly

34.2634, 31.3358, 97.1711

Tritanomaly

30.3464, 31.0807, 60.2769

Monochromacy



Original Color

38.2433, 31.5516, 98.6822

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.0969, 31.1934, 53.0444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2433, 31.5516, 98.6822 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(140, 140, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 140, 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(140, 140, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 140, 255) }
```

Border

The CSS property to change the border of an element to XYZ 38.2433, 31.5516, 98.6822 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(140, 140, 255) }
```


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

```
.border{ border-color:rgb(140, 140, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 140, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 140, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 140, 255);  
box-shadow:4px 4px 4px 4px rgb(140, 140,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2433, 31.5516, 98.6822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 140, 255) }
```

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

```
.background{ background-color: rgb(140,  
140, 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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