

Converting Colors

XYZ(33.1336, 31.4515, 98.9322)

Have a look what the booklet for
XYZ(33.1336, 31.4515, 98.9322)
contains.

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Color

**XYZ(33.1411, 31.4279,
98.9272)**

Conversions

Conversions Part 1

Format	Color
Hex	5897FF
RGB	88, 151, 255
RGB Percent	35%, 59%, 100%
CMY	0.6549, 0.4078, 0.0000
CMYK	0.65, 0.41, 0.00, 0.00
HSL	217°, 100%, 67%
HSV	217°, 65%, 100%
XYZ	33.1411, 31.4279, 98.9272
YIQ	144.0190, -70.9320, 18.9880

Conversions

Conversions Part 2

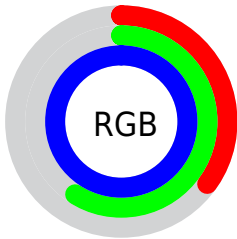
Format	Color
R _Y B	88, 134, 255
Decimal	5806079
CIE Lab	62.87, 11.98, -57.73
CIE LCh	63, 58.960, 281.721
Yxy	31.4279, 0.2027, 0.1922
Android (android.graphics.Color)	4283996159 (0xFF5897FF)
YUV	144.0190, 54.7136, -49.1287
Hunter-Lab	56.0606, 7.4170, -65.3836

Details

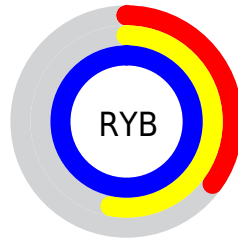
The XYZ color **33.1411, 31.4279, 98.9272** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **61.8533, 59.6677, 17.4916**, and the grayscale version is **26.3256, 27.6966, 30.1616**.

A 20% lighter version of the original color is **52.8302, 57.5580, 102.9331**, and **14.8467, 13.3846, 55.2271** is the 20% darker color. If you saturate the color by 10%, you get **28.7495, 25.6223, 98.0381**, and if you desaturate by 10%, it is **38.7230, 38.3590, 99.9708**.

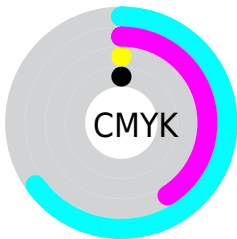
Distribution



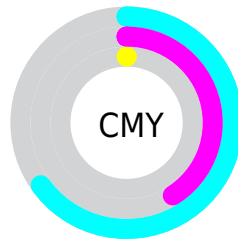
- Red (35%)
- Green (59%)
- Blue (100%)



- Red (35%)
- Yellow (53%)
- Blue (100%)



- Cyan (65%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1411, 31.4279, 98.9272 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 33.1411, 31.4279, 98.9272 by changing the saturation by 10% instead.

■ 33.1411, 31.4279,
98.9272

■ 33.1411, 31.4279,
98.9272

307.9388,
308.5048, 577.9649

■ 22.3943, 20.9249,
74.7930

■ 63.9490, 61.9131,
161.7211

■ 14.2651, 13.0691,
54.9426

■ 84.7407, 82.6642,
201.2179

■ 8.3882, 7.4762,
38.9575

■ 109.6116,
107.6000, 246.6727

■ 4.3982, 3.7616,
26.4191

■ 138.9268,
137.1050, 298.5040

■ 1.9298, 1.5411,
16.9089

173.0518,
171.5636, 357.1303

■ 0.5941, 0.3174,
10.0083

212.3519,

■ 0.0000, 0.0000,

211.3602, 422.9702

5.2988

257.1924,
256.8791, 496.4423

■ 0.0000, 0.0000,
2.3618

■ 0.0000, 0.0000,
0.7655

■ 33.1411, 31.4279,
98.9272

■ 33.1411, 31.4279,
98.9272

■ 28.7495, 25.6223,
98.0381

■ 38.7230, 38.3590,
99.9708

■ 25.4387, 20.8642,
97.2942

■ 45.5838, 46.4792,
101.1766

■ 23.0808, 17.0667,
96.6854

■ 53.8069, 55.8502,
102.5520

■ 22.2503, 15.6205,
96.4501

■ 63.4674, 66.5278,
104.1038

■ 74.6343, 78.5643,
105.8385

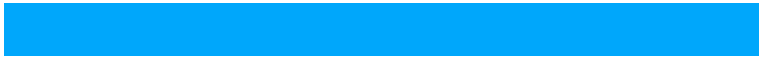
■ 87.3721, 92.0088,
107.7622

95.0500, 100.0000,
108.9000

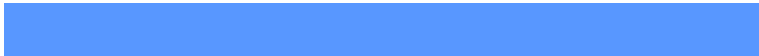
Harmonies

Analogous

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



25.2567, 31.4279, 96.2763



33.1411, 31.4279, 98.9272



41.4546, 31.4279, 79.3566

Triad

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



33.1411, 31.4279, 98.9272



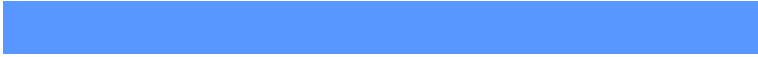
43.0389, 31.4279, 12.3223



17.4101, 31.4279, 22.0708

Complementary

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



33.1411, 31.4279, 98.9272



61.8533, 59.6677, 17.4916

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.



20.6757, 31.4279, 10.5880



33.1411, 31.4279, 98.9272



35.0162, 31.4279, 6.9668

Square

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



33.1411, 31.4279, 98.9272



47.8205, 31.4279, 25.9505



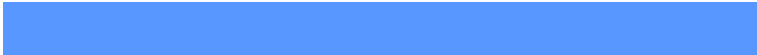
26.8239, 31.4279, 6.5205



17.0909, 31.4279, 44.0817

Rectangle

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



33.1411, 31.4279, 98.9272



45.7558, 31.4279, 59.9375



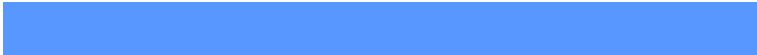
26.8239, 31.4279, 6.5205



18.1679, 31.4279, 17.1663

Sweetspot

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



33.1423, 31.4289, 98.9273



69.4032, 72.9600, 105.0325



49.1880, 77.3562, 61.6215



14.1919, 14.9001, 22.3780



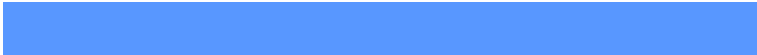
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.1423, 31.4289, 98.9273



27.4689, 23.8352, 97.7606



27.6633, 17.3574, 96.5000



17.5645, 18.5005, 22.8952



11.7581, 8.4258, 50.4412



1.2459, 1.0226, 4.9450

Inverse Universe

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



50.3166, 30.4755, 32.5091



46.5368, 25.4560, 23.4185



71.9540, 89.9752, 22.8092



18.2928, 18.1004, 20.1591



22.7232, 11.5786, 7.1926



2.2635, 1.1478, 0.9690

Previews

White Background



This preview shows how the XYZ color 33.1411, 31.4279, 98.9272 looks on a white background.

Color Contrast Check

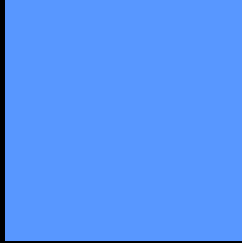
Large Text (above 18pt) WCAG AA × Fail

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 33.1411, 31.4279, 98.9272 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

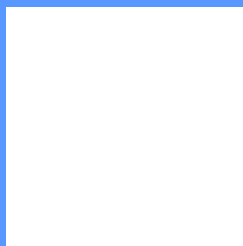
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.1411, 31.4279, 98.9272

Background



This preview shows how black text looks on a background with the XYZ color 33.1411, 31.4279, 98.9272.



This preview shows how white text looks on a background with the XYZ color 33.1411, 31.4279,

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

33.1411, 31.4279, 98.9272

Protanopia

34.3449, 31.3962, 96.3454

Deuteranopia

32.5027, 31.3387, 98.9436



Tritanopia

23.1141, 31.4659, 48.5713

Trichromacy



Original Color

33.1411, 31.4279, 98.9272

Protanomaly

33.8439, 31.3534, 97.1966

Deuteranomaly

32.7579, 31.4703, 98.9556

Tritanomaly

25.9337, 30.9736, 64.2862

Monochromacy



Original Color

33.1411, 31.4279, 98.9272

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.3976, 28.6132, 49.4263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1411, 31.4279, 98.9272 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(88, 151, 255)` looks like.

```
.text, #text, p{  
    color:rgb(88, 151, 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(88, 151, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 151, 255) }
```

Border

The CSS property to change the border of an element to XYZ 33.1411, 31.4279, 98.9272 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(88, 151, 255) }
```


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

```
.border{ border-color:rgb(88, 151, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 151, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 151, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 151, 255);  
box-shadow:4px 4px 4px 4px rgb(88, 151,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1411, 31.4279, 98.9272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 151, 255) }
```

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

```
.background{ background-color: rgb(88, 151,  
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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