

Converting Colors

XYZ(31.9885, 28.5451, 98.4315)

Have a look what the booklet for
XYZ(31.9885, 28.5451, 98.4315)
contains.

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Color

**XYZ(31.9885, 28.5451,
98.4315)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8DFF
RGB	92, 141, 255
RGB Percent	36%, 55%, 100%
CMY	0.6392, 0.4471, 0.0000
CMYK	0.64, 0.45, 0.00, 0.00
HSL	222°, 100%, 68%
HSV	222°, 64%, 100%
XYZ	31.9885, 28.5451, 98.4315
YIQ	139.3450, -65.7980, 25.0660

Conversions

Conversions Part 2

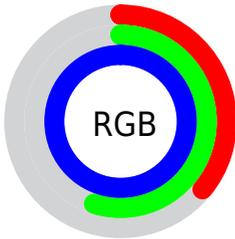
Format	Color
R _Y B	92, 130, 255
Decimal	6065663
CIE Lab	60.38, 18.58, -61.70
CIE LCh	60, 64.434, 286.758
Yxy	28.5451, 0.2012, 0.1796
Android (android.graphics.Color)	4284255743 (0xFF5C8DFF)
YUV	139.3450, 57.0179, -41.5216
Hunter-Lab	53.4276, 13.3743, -71.8326

Details

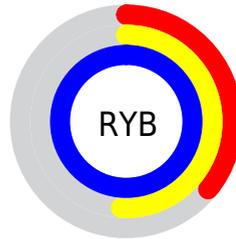
The XYZ color **31.9885, 28.5451, 98.4315** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **65.2453, 66.1791, 19.4623**, and the grayscale version is **24.4801, 25.7550, 28.0472**.

A 20% lighter version of the original color is **50.8594, 52.7721, 102.1132**, and **13.9052, 11.6855, 54.3460** is the 20% darker color. If you saturate the color by 10%, you get **27.4348, 22.6032, 97.5246**, and if you desaturate by 10%, it is **37.8247, 35.7773, 99.5199**.

Distribution



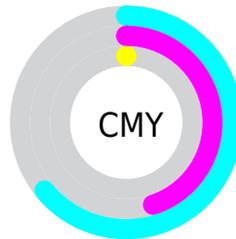
- Red (36%)
- Green (55%)
- Blue (100%)



- Red (36%)
- Yellow (51%)
- Blue (100%)



- Cyan (64%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.9885, 28.5451, 98.4315 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 31.9885, 28.5451, 98.4315 by changing the saturation by 10% instead.

■ 31.9885, 28.5451,
98.4315

■ 31.9885, 28.5451,
98.4315

302.8131,
295.0625, 576.3558

■ 21.5082, 18.7370,
74.3817

■ 62.1584, 57.3536,
161.0331

■ 13.6106, 11.4804,
54.6078

■ 82.5787, 77.1227,
200.4219

■ 7.9302, 6.3909,
38.6913

■ 107.0430,
100.9809, 245.7608

■ 4.1017, 3.0842,
26.2137

■ 135.9168,
129.3126, 297.4684

■ 1.7599, 1.1759,
16.7564

169.5653,
162.5022, 355.9631

■ 0.4933, 0.0419,
9.9008

208.3540,

■ 0.0000, 0.0000,

200.9342, 421.6636

5.2285

252.6481,
244.9928, 494.9883

■ 0.0000, 0.0000,
2.3209

■ 0.0000, 0.0000,
0.7429

■ 31.9885, 28.5451,
98.4315

■ 31.9885, 28.5451,
98.4315

■ 27.4348, 22.6032,
97.5246

■ 37.8247, 35.7773,
99.5199

■ 24.0502, 17.8624,
96.7879

■ 45.0366, 44.3751,
100.7993

■ 21.7039, 14.2229,
96.2091

■ 53.7118, 54.4103,
102.2791

■ 20.6794, 12.4788,
95.9265

■ 63.9294, 65.9486,
103.9676

■ 75.7628, 79.0513,
105.8730

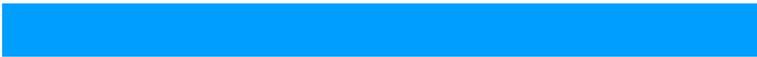
■ 89.2804, 93.7763,
108.0028

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.



23.6432, 28.5451, 100.0020



31.9885, 28.5451, 98.4315



40.4692, 28.5451, 73.9851

Triad

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



31.9885, 28.5451, 98.4315



39.5738, 28.5451, 8.2844



14.3911, 28.5451, 21.7574

Complementary

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



31.9885, 28.5451, 98.4315



65.2453, 66.1791, 19.4623

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.



17.1024, 28.5451, 9.1314



31.9885, 28.5451, 98.4315



30.9465, 28.5451, 4.4644

Square

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



31.9885, 28.5451, 98.4315



45.4225, 28.5451, 19.6948



22.7924, 28.5451, 4.6660



14.5575, 28.5451, 46.1783

Rectangle

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



31.9885, 28.5451, 98.4315



44.5591, 28.5451, 52.7849



22.7924, 28.5451, 4.6660



14.9682, 28.5451, 16.3294

Sweetspot

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



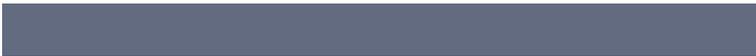
31.9896, 28.5459, 98.4316



69.5429, 72.1934, 104.8772



51.0001, 78.1260, 69.1333



14.1760, 14.6650, 22.3334



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.



31.9896, 28.5459, 98.4316



26.2726, 21.0184, 97.2800



29.8885, 19.0054, 96.7009



17.4481, 18.2678, 22.8564



10.9188, 6.7472, 50.1614



1.1539, 0.8386, 4.9143

Inverse Universe

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



49.8757, 30.8390, 28.5236



46.0364, 25.6522, 19.5618



68.7804, 88.3194, 23.5495



18.2341, 18.0769, 19.8497



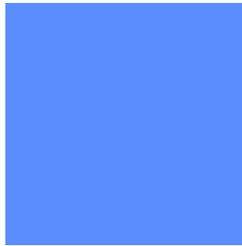
22.2995, 11.4091, 4.9617



2.2171, 1.1292, 0.7245

Previews

White Background



This preview shows how the XYZ color 31.9885, 28.5451, 98.4315 looks on a white background.

Color Contrast Check

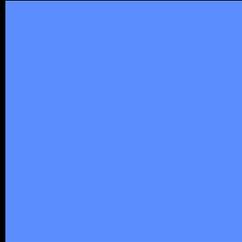
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.9885, 28.5451, 98.4315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

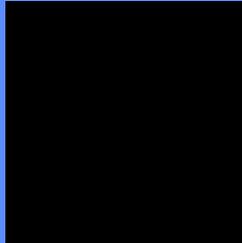
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.9885, 28.5451, 98.4315

Background



This preview shows how black text looks on a background with the XYZ color 31.9885, 28.5451, 98.4315.



This preview shows how white text looks on a background with the XYZ color 31.9885, 28.5451,

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

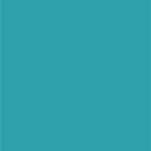
31.9885, 28.5451, 98.4315

Protanopia

31.9885, 28.5451, 98.4315

Deuteranopia

29.7913, 28.7801, 97.7509



Tritanopia

21.0994, 28.6781, 43.4531

Trichromacy



Original Color

31.9885, 28.5451, 98.4315

Protanomaly

31.9885, 28.5451, 98.4315

Deuteranomaly

30.3295, 28.5998, 97.6877

Tritanomaly

24.0385, 28.0709, 60.0284

Monochromacy



Original Color

31.9885, 28.5451, 98.4315

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.7446, 26.2299, 47.4221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9885, 28.5451, 98.4315 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(92, 141, 255)` looks like.

```
.text, #text, p{  
  color:rgb(92, 141, 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(92, 141, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 141, 255) }
```

Border

The CSS property to change the border of an element to XYZ 31.9885, 28.5451, 98.4315 is called "border". The border property can be set on classes, ids or directly on the HTML element.

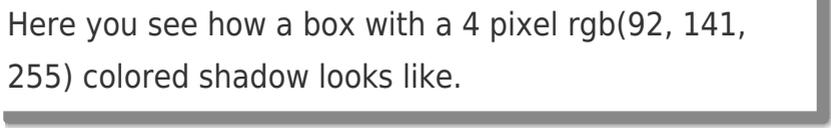
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(92, 141, 255) }
```

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

```
.border{ border-color:rgb(92, 141, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(92, 141, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(92, 141, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(92, 141, 255); box-shadow:4px 4px 4px 4px rgb(92, 141, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9885, 28.5451, 98.4315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 141, 255) }
```

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

```
.background{ background-color: rgb(92, 141,  
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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