

Converting Colors

XYZ(38.3579, 29.5576,
126.6993)

Have a look what the booklet for
XYZ(38.3579, 29.5576, 126.6993)
contains.

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Color

**XYZ(32.8679, 27.3101,
98.1468)**

Conversions

Conversions Part 1

Format	Color
Hex	6E85FF
RGB	110, 133, 255
RGB Percent	43%, 52%, 100%
CMY	0.5686, 0.4784, 0.0000
CMYK	0.57, 0.48, 0.00, 0.00
HSL	230°, 100%, 72%
HSV	230°, 57%, 100%
XYZ	32.8679, 27.3101, 98.1468
YIQ	140.0310, -52.8700, 33.0660

Conversions

Conversions Part 2

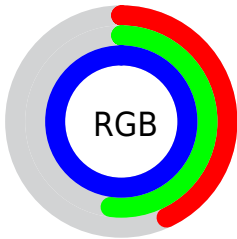
Format	Color
R _Y B	110, 130, 255
Decimal	7243263
CIE Lab	59.26, 26.55, -63.44
CIE LCh	59, 68.772, 292.713
Yxy	27.3101, 0.2076, 0.1725
Android (android.graphics.Color)	4285433343 (0xFF6E85FF)
YUV	140.0310, 56.6797, -26.3372
Hunter-Lab	52.2591, 20.8127, -74.7701

Details

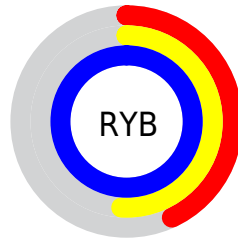
The XYZ color **32.8679, 27.3101, 98.1468** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **72.9129, 80.1020, 26.3720**, and the grayscale version is **24.7420, 26.0305, 28.3473**.

A 20% lighter version of the original color is **52.4035, 50.9957, 101.6889**, and **14.0477, 10.7839, 54.1644** is the 20% darker color. If you saturate the color by 10%, you get **27.4958, 20.6166, 97.1380**, and if you desaturate by 10%, it is **39.7546, 35.6755, 99.3985**.

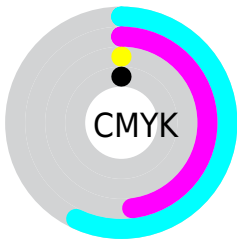
Distribution



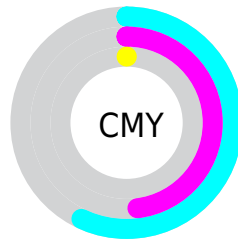
- Red (43%)
- Green (52%)
- Blue (100%)



- Red (43%)
- Yellow (51%)
- Blue (100%)



- Cyan (57%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8679, 27.3101, 98.1468 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 32.8679, 27.3101, 98.1468 by changing the saturation by 10% instead.

■ 32.8679, 27.3101,
98.1468

■ 32.8679, 27.3101,
98.1468

306.7296,
289.1554, 575.4305

■ 22.1840, 17.8063,
74.1455

■ 63.5253, 55.3811,
160.6377

■ 14.1095, 10.8110,
54.4156

■ 84.2295, 74.7170,
199.9644

■ 8.2791, 5.9399,
38.5386

■ 109.0046, 98.0991,
245.2367

■ 4.3274, 2.8086,
26.0959

138.2158,
125.9117, 296.8731

■ 1.8889, 1.0326,
16.6690

172.2285,
158.5392, 355.2921

■ 0.5704, 0.0000,
9.8393

211.4082,

■ 0.0000, 0.0000,

196.3661, 420.9124

5.1883

256.1201,
239.7767, 494.1523

■ 0.0000, 0.0000,
2.2975

■ 0.0000, 0.0000,
0.7298

■ 32.8679, 27.3101,
98.1468

■ 32.8679, 27.3101,
98.1468

■ 27.4958, 20.6166,
97.1380

■ 39.7546, 35.6755,
99.3985

■ 23.5178, 15.4775,
96.3557

■ 48.2576, 45.8144,
100.9074

■ 20.7992, 11.7631,
95.7820

■ 58.4732, 57.8231,
102.6868

■ 19.1739, 9.3190,
95.3959

■ 70.4892, 71.7898,
104.7494

■ 18.8238, 8.7675,
95.3079

■ 84.3873, 87.7976,
107.1067

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.



23.9194, 27.3101, 105.6103



32.8679, 27.3101, 98.1468



41.4321, 27.3101, 68.5591

Triad

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



32.8679, 27.3101, 98.1468



37.2980, 27.3101, 5.7518



12.7841, 27.3101, 24.1335

Complementary

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



32.8679, 27.3101, 98.1468



72.9129, 80.1020, 26.3720

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.



14.9136, 27.3101, 9.3057



32.8679, 27.3101, 98.1468



28.1081, 27.3101, 3.1724

Square

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



32.8679, 27.3101, 98.1468



44.3582, 27.3101, 14.9613



20.0906, 27.3101, 3.9702



13.5128, 27.3101, 51.9828

Rectangle

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



32.8679, 27.3101, 98.1468



45.1267, 27.3101, 46.1142



20.0906, 27.3101, 3.9702



13.1698, 27.3101, 17.7832

Sweetspot

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



32.8690, 27.3109, 98.1469



70.3084, 71.5806, 104.7185



56.5917, 80.5956, 88.0526



14.5015, 14.6873, 22.3206



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.



32.8690, 27.3109, 98.1469



26.9743, 19.9546, 97.0377



37.7937, 25.6767, 97.5719



17.2356, 17.8428, 22.7855



9.9042, 4.7180, 49.8232



1.0281, 0.5868, 4.8724

Inverse Universe

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



51.0504, 34.1068, 26.0835



46.9929, 28.3407, 17.4898



64.2145, 85.8637, 27.9426



18.1268, 18.0340, 19.2850



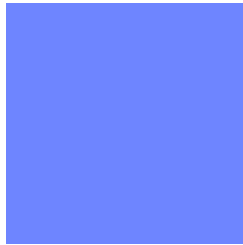
21.7874, 11.2042, 2.2649



2.1535, 1.1038, 0.3899

Previews

White Background



This preview shows how the XYZ color 32.8679, 27.3101, 98.1468 looks on a white background.

Color Contrast Check

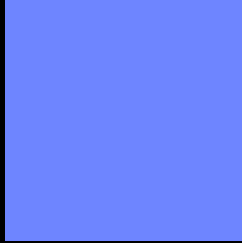
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.8679, 27.3101, 98.1468 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 32.8679, 27.3101, 98.1468

Background



This preview shows how black text looks on a background with the XYZ color 32.8679, 27.3101, 98.1468.



This preview shows how white text looks on a background with the XYZ color 32.8679, 27.3101,

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

32.8679, 27.3101, 98.1468

Protanopia

30.9762, 27.3754, 98.2591

Deuteranopia

28.4190, 27.4259, 95.8913



Tritanopia

21.3402, 27.3602, 40.2327

Trichromacy



Original Color

32.8679, 27.3101, 98.1468

Protanomaly

31.5735, 27.2612, 98.2056

Deuteranomaly

29.2877, 26.9718, 96.5910

Tritanomaly

24.4964, 26.7097, 57.2905

Monochromacy



Original Color

32.8679, 27.3101, 98.1468

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.4424, 25.9358, 47.8684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8679, 27.3101, 98.1468 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(110, 133, 255)` looks like.

```
.text, #text, p{  
    color:rgb(110, 133, 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(110, 133, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 133, 255) }
```

Border

The CSS property to change the border of an element to XYZ 32.8679, 27.3101, 98.1468 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(110, 133, 255) }
```


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

```
.border{ border-color:rgb(110, 133, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 133, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 133, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 133, 255); box-shadow:4px 4px 4px 4px rgb(110, 133, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8679, 27.3101, 98.1468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 133, 255) }
```

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

```
.background{ background-color: rgb(110,  
133, 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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