

Converting Colors

XYZ(32.8035, 27.8778, 98.2598)

Have a look what the booklet for
XYZ(32.8035, 27.8778, 98.2598)
contains.

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Color

**XYZ(32.7980, 27.8925,
98.2629)**

Conversions

Conversions Part 1

Format	Color
Hex	6A88FF
RGB	106, 136, 255
RGB Percent	42%, 53%, 100%
CMY	0.5843, 0.4667, 0.0000
CMYK	0.58, 0.47, 0.00, 0.00
HSL	228°, 100%, 71%
HSV	228°, 58%, 100%
XYZ	32.7980, 27.8925, 98.2629
YIQ	140.5960, -56.0790, 30.6490

Conversions

Conversions Part 2

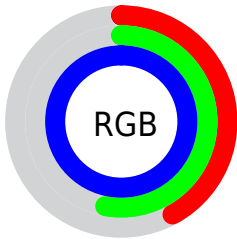
Format	Color
RYB	106, 131, 255
Decimal	6981887
CIELab	59.79, 24.02, -62.60
CIELCh	60, 67.048, 290.989
Yxy	27.8925, 0.2063, 0.1755
Android (android.graphics.Color)	4285171967 (0xFF6A88FF)
YUV	140.5960, 56.4012, -30.3407
Hunter-Lab	52.8134, 18.4282, -73.3438

Details

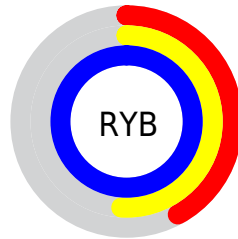
The XYZ color **32.7980, 27.8925, 98.2629** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **70.7687, 76.1544, 24.6070**, and the grayscale version is **24.9631, 26.2631, 28.6005**.

A 20% lighter version of the original color is **52.1839, 51.8307, 101.8617**, and **14.0217, 11.1236, 54.2314** is the 20% darker color. If you saturate the color by 10%, you get **27.6047, 21.3544, 97.2746**, and if you desaturate by 10%, it is **39.4392, 35.9865, 99.4752**.

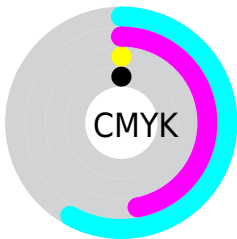
Distribution



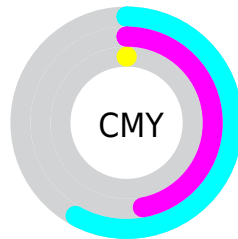
- Red (42%)
- Green (53%)
- Blue (100%)



- Red (42%)
- Yellow (51%)
- Blue (100%)



- Cyan (58%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7980, 27.8925, 98.2629 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 32.7980, 27.8925, 98.2629 by changing the saturation by 10% instead.

■ 32.7980, 27.8925,
98.2629

■ 32.7980, 27.8925,
98.2629

306.4196,
291.9529, 575.8079

■ 22.1302, 18.2446,
74.2418

■ 63.4168, 56.3128,
160.7990

■ 14.0698, 11.1258,
54.4940

■ 84.0986, 75.8540,
200.1510

■ 8.2512, 6.1515,
38.6009

■ 108.8491, 99.4617,
245.4505

■ 4.3093, 2.9374,
26.1439

138.0336,
127.5205, 297.1159

■ 1.8785, 1.0991,
16.7046

172.0176,
160.4145, 355.5658

■ 0.5643, 0.0000,
9.8644

211.1664,

■ 0.0000, 0.0000,

198.5284, 421.2188

5.2047

255.8453,
242.2464, 494.4933

■ 0.0000, 0.0000,
2.3070

■ 0.0000, 0.0000,
0.7352

■ 32.7980, 27.8925,
98.2629

■ 32.7980, 27.8925,
98.2629

■ 27.6047, 21.3544,
97.2746

■ 39.4392, 35.9865,
99.4752

■ 23.7424, 16.2653,
96.4959

■ 47.6258, 45.7283,
100.9240

■ 21.0806, 12.5075,
95.9109

■ 57.4506, 57.2054,
102.6215

■ 19.4444, 9.9343,
95.5004

■ 68.9980, 70.4980,
104.5786

■ 19.2485, 9.6170,
95.4495

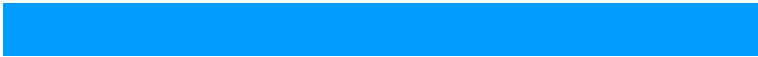
■ 82.3464, 85.6817,
106.8058

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.



24.0357, 27.8925, 103.8902



32.7980, 27.8925, 98.2629



41.3244, 27.8925, 70.3234

Triad

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



32.7980, 27.8925, 98.2629



38.1703, 27.8925, 6.6033



13.4366, 27.8925, 23.6210

Complementary

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



32.7980, 27.8925, 98.2629



70.7687, 76.1544, 24.6070

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.



15.7428, 27.8925, 9.4247



32.7980, 27.8925, 98.2629



29.1506, 27.8925, 3.6445

Square

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



32.7980, 27.8925, 98.2629



44.8576, 27.8925, 16.5145



21.0836, 27.8925, 4.2939



14.0048, 27.8925, 50.3805

Rectangle

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



32.7980, 27.8925, 98.2629



45.1318, 27.8925, 48.2852



21.0836, 27.8925, 4.2939



13.8793, 27.8925, 17.5456

Sweetspot

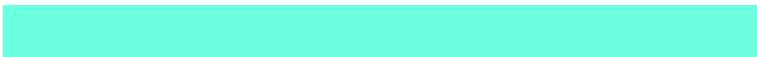
The Sweet Spot groups the original color and five complimentary colors.



32.7991, 27.8933, 98.2630



69.5325, 71.1094, 104.6685



54.9860, 79.8971, 82.1367



14.1198, 14.3463, 22.2749



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.



32.7991, 27.8933, 98.2630



26.9126, 20.4615, 97.1388



35.4577, 23.8462, 97.3417



17.2991, 17.9698, 22.8067



10.1408, 5.1911, 49.9021



1.0601, 0.6509, 4.8830

Inverse Universe

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



50.8388, 33.3472, 27.0502



46.8079, 27.6776, 18.3316



65.7403, 86.6748, 26.9027



18.1589, 18.0469, 19.4537



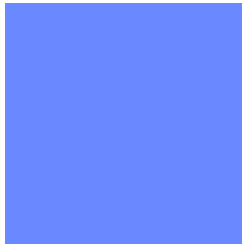
21.9068, 11.2520, 2.8936



2.1697, 1.1103, 0.4751

Previews

White Background



This preview shows how the XYZ color 32.7980, 27.8925, 98.2629 looks on a white background.

Color Contrast Check

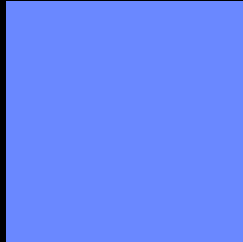
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7980, 27.8925, 98.2629 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 32.7980, 27.8925, 98.2629

Background



This preview shows how black text looks on a background with the XYZ color 32.7980, 27.8925, 98.2629.



This preview shows how white text looks on a background with the XYZ color 32.7980, 27.8925,

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

32.7980, 27.8925, 98.2629

Protanopia

31.5479, 28.1000, 98.3688

Deuteranopia

29.0273, 27.9470, 96.7929



Tritanopia

21.5757, 27.9436, 41.7926

Trichromacy



Original Color

32.7980, 27.8925, 98.2629

Protanomaly

32.0019, 28.1181, 98.3484

Deuteranomaly

29.9463, 27.7307, 97.5402

Tritanomaly

24.7401, 27.5040, 58.6484

Monochromacy



Original Color

32.7980, 27.8925, 98.2629

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.5782, 26.4318, 47.9570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7980, 27.8925, 98.2629 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(106, 136, 255)` looks like.

```
.text, #text, p{  
    color:rgb(106, 136, 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(106, 136, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 136, 255) }
```

Border

The CSS property to change the border of an element to XYZ 32.7980, 27.8925, 98.2629 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(106, 136, 255) }
```


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

```
.border{ border-color:rgb(106, 136, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 136, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 136, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 136, 255);  
box-shadow:4px 4px 4px 4px rgb(106, 136,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7980, 27.8925, 98.2629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 136, 255) }
```

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

```
.background{ background-color: rgb(106,  
136, 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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