

Converting Colors

XYZ(32.8351, 27.2930, 79.8814)

Have a look what the booklet for
XYZ(32.8351, 27.2930, 79.8814)
contains.

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Color

**XYZ(32.8351, 27.2930,
79.8814)**

Conversions

Conversions Part 1

Format	Color
Hex	8883E8
RGB	136, 131, 232
RGB Percent	53%, 51%, 91%
CMY	0.4667, 0.4863, 0.0902
CMYK	0.41, 0.44, 0.00, 0.09
HSL	243°, 69%, 71%
HSV	243°, 44%, 91%
XYZ	32.8351, 27.2930, 79.8814
YIQ	144.0090, -29.4410, 32.4710

Conversions

Conversions Part 2

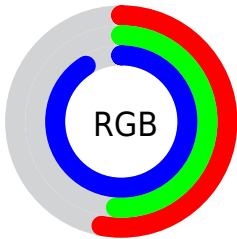
Format	Color
RYB	136, 131, 232
Decimal	8946664
CIELab	59.24, 26.51, -50.65
CIELCh	59, 57.166, 297.623
Yxy	27.2930, 0.2345, 0.1949
Android (android.graphics.Color)	4287136744 (0xFF8883E8)
YUV	144.0090, 43.3796, -7.0239
Hunter-Lab	52.2427, 20.7644, -54.0871

Details

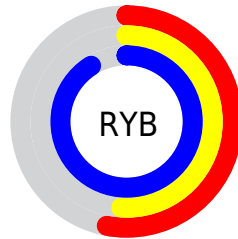
The XYZ color **32.8351, 27.2930, 79.8814** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **64.6318, 75.6830, 32.6753**, and the grayscale version is **26.3532, 27.7256, 30.1932**.

A 20% lighter version of the original color is **57.1828, 52.8384, 101.7927**, and **14.1620, 10.8746, 42.4269** is the 20% darker color. If you saturate the color by 10%, you get **26.8406, 20.0839, 78.8064**, and if you desaturate by 10%, it is **40.2660, 36.2789, 81.2247**.

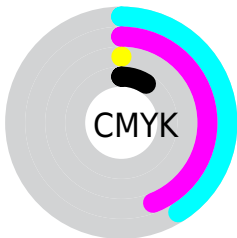
Distribution



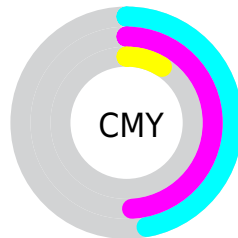
- Red (53%)
- Green (51%)
- Blue (91%)



- Red (53%)
- Yellow (51%)
- Blue (91%)



- Cyan (41%)
- Magenta (44%)
- Yellow (0%)
- Black (9%)



- Cyan (47%)
- Magenta (49%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8351, 27.2930, 79.8814 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 32.8351, 27.2930, 79.8814 by changing the saturation by 10% instead.

■ 32.8351, 27.2930,
79.8814

■ 32.8351, 27.2930,
79.8814

306.5842,
289.0730, 514.2293

■ 22.1588, 17.7934,
59.0952

■ 63.4744, 55.3537,
135.0089

■ 14.0909, 10.8018,
42.2692

■ 84.1681, 74.6835,
170.1872

■ 8.2660, 5.9337,
28.9850

■ 108.9316, 98.0590,
210.9999

■ 4.3189, 2.8048,
18.8240

138.1303,
125.8643, 257.8657

■ 1.8841, 1.0307,
11.3677

172.1296,
158.4840, 311.2029

■ 0.5676, 0.0000,
6.1974

211.2947,

■ 0.0000, 0.0000,

196.3024, 371.4303

2.8948

255.9911,
239.7039, 438.9662

■ 0.0000, 0.0000,
1.0412

■ 0.0000, 0.0000,
0.0000

■ 32.8351, 27.2930,
79.8814

■ 32.8351, 27.2930,
79.8814

■ 26.8406, 20.0839,
78.8064

■ 40.2660, 36.2789,
81.2247

■ 22.1867, 14.5310,
77.9799

■ 49.2144, 47.1457,
82.8506

■ 18.7709, 10.5033,
77.3825

■ 59.7593, 59.9928,
84.7746

■ 16.4747, 7.8489,
76.9911

■ 71.9732, 74.9120,
87.0105

■ 15.1561, 6.3843,
76.7779

■ 85.9242, 91.9890,
89.5714

■ 14.7102, 5.9008,
76.7081

■ 91.5656, 98.6062,
90.5513

Harmonies

Analogous

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



25.3765, 27.2930, 88.7847



32.8351, 27.2930, 79.8814



39.3358, 27.2930, 56.1074

Triad

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



32.8351, 27.2930, 79.8814



34.0014, 27.2930, 7.3551



14.5079, 27.2930, 28.1181

Complementary

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



32.8351, 27.2930, 79.8814



64.6318, 75.6830, 32.6753

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.



15.9954, 27.2930, 13.2546



32.8351, 27.2930, 79.8814



26.5141, 27.2930, 5.2115

Square

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



32.8351, 27.2930, 79.8814



40.0914, 27.2930, 14.9708



20.0868, 27.2930, 6.7315



15.5869, 27.2930, 51.9068

Rectangle

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



32.8351, 27.2930, 79.8814



41.7784, 27.2930, 38.9577



20.0868, 27.2930, 6.7315



14.7173, 27.2930, 22.0676

Sweetspot

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



32.8362, 27.2940, 79.8821



74.7146, 75.1491, 105.1751



51.8441, 66.4880, 86.4455



15.3293, 15.2767, 22.3907



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.



32.8362, 27.2940, 79.8821



34.1070, 25.9021, 97.8097



42.6579, 32.3573, 80.3417



13.6485, 13.9210, 18.1120



8.1969, 3.2915, 42.5865



0.6292, 0.2553, 3.1481

Inverse Universe

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



55.2605, 38.9351, 77.2747



65.2593, 42.0817, 93.8425



51.3447, 68.8333, 32.0535



14.9627, 14.6023, 18.0038



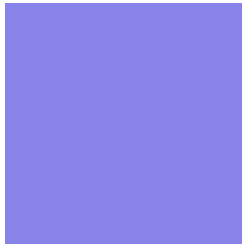
25.6986, 12.4136, 38.9032



1.9086, 0.9211, 2.9251

Previews

White Background



This preview shows how the XYZ color 32.8351, 27.2930, 79.8814 looks on a white background.

Color Contrast Check

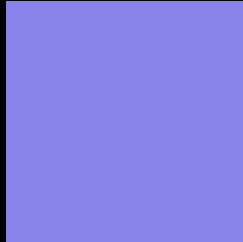
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.8351, 27.2930, 79.8814 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 32.8351, 27.2930, 79.8814

Background



This preview shows how black text looks on a background with the XYZ color 32.8351, 27.2930, 79.8814.



This preview shows how white text looks on a background with the XYZ color 32.8351, 27.2930,

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

32.8351, 27.2930, 79.8814

Protanopia

30.2163, 27.4658, 86.1469

Deuteranopia

28.2797, 27.5262, 77.9513



Tritanopia

24.1629, 27.2222, 36.7818

Trichromacy



Original Color

32.8351, 27.2930, 79.8814

Protanomaly

30.9003, 27.2335, 83.7487

Deuteranomaly

29.5790, 27.3042, 78.5742

Tritanomaly

26.8452, 26.9549, 50.2423

Monochromacy



Original Color

32.8351, 27.2930, 79.8814

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.0536, 27.2625, 44.8579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8351, 27.2930, 79.8814 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(136, 131, 232)` looks like.

```
.text, #text, p{  
    color:rgb(136, 131, 232)  
}
```

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(136, 131, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 131, 232) }
```

Border

The CSS property to change the border of an element to XYZ 32.8351, 27.2930, 79.8814 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(136, 131, 232) }
```


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

```
.border{ border-color:rgb(136, 131, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 131, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 131, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 131, 232);  
box-shadow:4px 4px 4px 4px rgb(136, 131,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8351, 27.2930, 79.8814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 131, 232) }
```

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

```
.background{ background-color: rgb(136,  
131, 232) }
```

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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