

Converting Colors

XYZ(34.8350, 28.6427, 89.6355)

Have a look what the booklet for
XYZ(34.8350, 28.6427, 89.6355)
contains.

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Color

**XYZ(34.8459, 28.7327,
89.2973)**

Conversions

Conversions Part 1

Format	Color
Hex	8786F4
RGB	135, 134, 244
RGB Percent	53%, 53%, 96%
CMY	0.4706, 0.4745, 0.0431
CMYK	0.45, 0.45, 0.00, 0.04
HSL	241°, 83%, 74%
HSV	241°, 45%, 96%
XYZ	34.8459, 28.7327, 89.2973
YIQ	146.8390, -34.7140, 34.4220

Conversions

Conversions Part 2

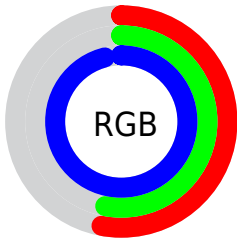
Format	Color
R_{YB}	135, 134, 244
Decimal	8881908
CIE Lab	60.54, 27.92, -55.23
CIE LCh	61, 61.889, 296.816
Yxy	28.7327, 0.2279, 0.1879
Android (android.graphics.Color)	4287071988 (0xFF8786F4)
YUV	146.8390, 47.9004, -10.3828
Hunter-Lab	53.6029, 22.2333, -61.2495

Details

The XYZ color **34.8459, 28.7327, 89.2973** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **73.6153, 85.4773, 35.1737**, and the grayscale version is **27.4865, 28.9180, 31.4917**.

A 20% lighter version of the original color is **57.8126, 54.0981, 102.0027**, and **15.2005, 11.5063, 48.4335** is the 20% darker color. If you saturate the color by 10%, you get **28.3962, 20.9661, 88.1387**, and if you desaturate by 10%, it is **42.9591, 38.5123, 90.7579**.

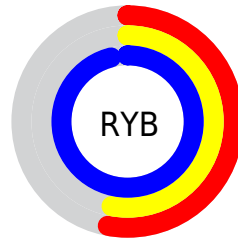
Distribution



Red (53%)

Green (53%)

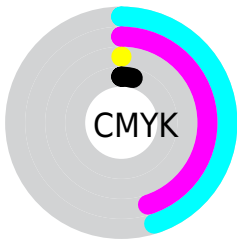
Blue (96%)



Red (53%)

Yellow (53%)

Blue (96%)

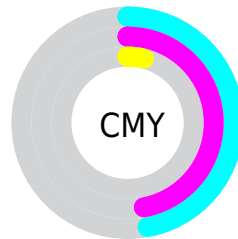


Cyan (45%)

Magenta (45%)

Yellow (0%)

Black (4%)



Cyan (47%)

Magenta (47%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8459, 28.7327, 89.2973 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 34.8459, 28.7327, 89.2973 by changing the saturation by 10% instead.

■ 34.8459, 28.7327,
89.2973

■ 34.8459, 28.7327,
89.2973

315.4076,
295.9517, 546.2533

■ 23.7102, 18.8787,
66.8275

■ 66.5826, 57.6521,
148.2889

■ 15.2423, 11.5827,
48.4838

■ 87.9142, 77.4863,
185.6478

■ 9.0771, 6.4602,
33.8474

■ 113.3752,
101.4161, 228.8069

■ 4.8490, 3.1269,
22.5000

143.3308,
129.8258, 278.1847

■ 2.1928, 1.1983,
14.0229

178.1466,
163.0998, 334.1997

■ 0.7389, 0.0603,
7.9977

218.1877,

■ 0.0000, 0.0000,

201.6225, 397.2704

4.0057

263.8196,
245.7783, 467.8155

■ 0.0000, 0.0000,
1.6285

■ 0.0000, 0.0000,
0.3110

■ 34.8459, 28.7327,
89.2973

■ 34.8459, 28.7327,
89.2973

■ 28.3962, 20.9661,
88.1387

■ 42.9591, 38.5123,
90.7579

■ 23.4915, 15.0699,
87.2591

■ 52.8361, 50.4285,
92.5374

■ 20.0038, 10.8875,
86.6357

■ 64.5736, 64.5982,
94.6538

■ 17.7826, 8.2356,
86.2409

■ 78.2603, 81.1293,
97.1233

■ 16.6437, 6.8890,
86.0410

■ 93.3292, 99.3117,
99.8386

■ 16.3571, 6.5461,
85.9899

Harmonies

Analogous

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



26.4650, 28.7327, 99.0178



34.8459, 28.7327, 89.2973



42.2963, 28.7327, 62.0863

Triad

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



34.8459, 28.7327, 89.2973



36.6140, 28.7327, 7.0151



14.6596, 28.7327, 28.9039

Complementary

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



34.8459, 28.7327, 89.2973



73.6153, 85.4773, 35.1737

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.



16.3612, 28.7327, 12.8496



34.8459, 28.7327, 89.2973



28.1719, 28.7327, 4.7046

Square

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



34.8459, 28.7327, 89.2973



43.4491, 28.7327, 15.3336



20.9466, 28.7327, 6.1511



15.7621, 28.7327, 55.6377

Rectangle

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



34.8459, 28.7327, 89.2973



45.1718, 28.7327, 42.4350



20.9466, 28.7327, 6.1511



14.9129, 28.7327, 22.2823

Sweetspot

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



34.8471, 28.7337, 89.2980



72.8619, 73.1970, 104.8959



58.5119, 76.3020, 97.2323



14.9460, 14.8830, 22.3349



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.



34.8471, 28.7337, 89.2980



31.9932, 23.9032, 97.5353



45.8412, 34.4014, 89.8125



15.5952, 15.9339, 20.7962



8.9001, 3.5625, 46.7566



0.7871, 0.3156, 4.1097

Inverse Universe

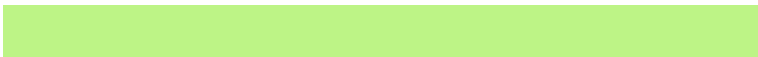
The Inverse Universe completely reimagines the original color for something new.



62.0111, 42.7548, 89.7761



65.4847, 41.1920, 98.0506



57.6407, 77.2420, 34.4261



17.2068, 16.7656, 20.8354



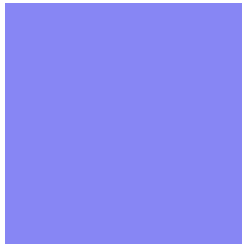
28.9854, 13.9376, 46.7588



2.5496, 1.2258, 4.1206

Previews

White Background



This preview shows how the XYZ color 34.8459, 28.7327, 89.2973 looks on a white background.

Color Contrast Check

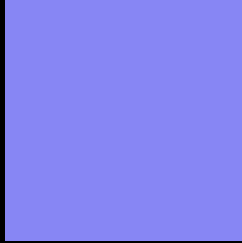
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.8459, 28.7327, 89.2973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

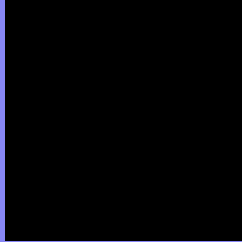
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.8459, 28.7327, 89.2973

Background



This preview shows how black text looks on a background with the XYZ color 34.8459, 28.7327, 89.2973.



This preview shows how white text looks on a background with the XYZ color 34.8459, 28.7327,

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

34.8459, 28.7327, 89.2973

Protanopia

32.1735, 28.9157, 95.9810

Deuteranopia

29.8782, 29.0573, 87.2530



Tritanopia

24.8685, 28.7142, 39.3536

Trichromacy



Original Color

34.8459, 28.7327, 89.2973

Protanomaly

32.8870, 28.6843, 93.4258

Deuteranomaly

31.1795, 28.5816, 87.8779

Tritanomaly

27.7771, 28.2386, 54.4387

Monochromacy



Original Color

34.8459, 28.7327, 89.2973

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.4442, 28.5630, 48.2173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8459, 28.7327, 89.2973 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(135, 134, 244)` looks like.

```
.text, #text, p{  
    color:rgb(135, 134, 244)  
}
```

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(135, 134, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 134, 244) }
```

Border

The CSS property to change the border of an element to XYZ 34.8459, 28.7327, 89.2973 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(135, 134, 244) }
```


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

```
.border{ border-color:rgb(135, 134, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 134, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 134, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 134, 244);  
box-shadow:4px 4px 4px 4px rgb(135, 134,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8459, 28.7327, 89.2973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 134, 244) }
```

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

```
.background{ background-color: rgb(135,  
134, 244) }
```

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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