

Converting Colors

XYZ(32.5777, 26.9710, 79.8701)

Have a look what the booklet for
XYZ(32.5777, 26.9710, 79.8701)
contains.

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Color

**XYZ(32.5398, 26.9424,
79.8293)**

Conversions

Conversions Part 1

Format	Color
Hex	8782E8
RGB	135, 130, 232
RGB Percent	53%, 51%, 91%
CMY	0.4706, 0.4902, 0.0902
CMYK	0.42, 0.44, 0.00, 0.09
HSL	243°, 69%, 71%
HSV	243°, 44%, 91%
XYZ	32.5398, 26.9424, 79.8293
YIQ	143.1230, -29.7620, 32.7820

Conversions

Conversions Part 2

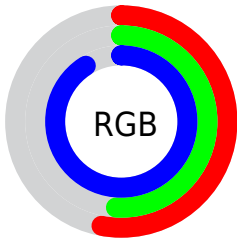
Format	Color
RYB	135, 130, 232
Decimal	8880872
CIELab	58.92, 26.85, -51.17
CIELCh	59, 57.783, 297.684
Yxy	26.9424, 0.2336, 0.1934
Android (android.graphics.Color)	4287070952 (0xFF8782E8)
YUV	143.1230, 43.8164, -7.1239
Hunter-Lab	51.9061, 21.0656, -54.8512

Details

The XYZ color **32.5398, 26.9424, 79.8293** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **64.5644, 75.6561, 32.3201**, and the grayscale version is **25.9976, 27.3515, 29.7857**.

A 20% lighter version of the original color is **56.7217, 52.2934, 101.7118**, and **14.0034, 10.6817, 42.3980** is the 20% darker color. If you saturate the color by 10%, you get **26.6053, 19.8073, 78.7654**, and if you desaturate by 10%, it is **39.9076, 35.8498, 81.1608**.

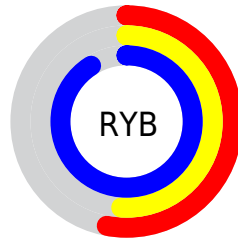
Distribution



Red (53%)

Green (51%)

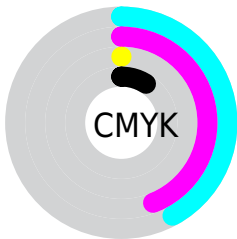
Blue (91%)



Red (53%)

Yellow (51%)

Blue (91%)

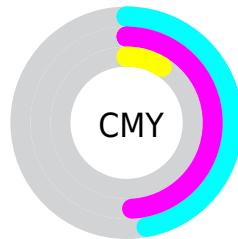


Cyan (42%)

Magenta (44%)

Yellow (0%)

Black (9%)



Cyan (47%)

Magenta (49%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5398, 26.9424, 79.8293 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 32.5398, 26.9424, 79.8293 by changing the saturation by 10% instead.

■ 32.5398, 26.9424,
79.8293

■ 32.5398, 26.9424,
79.8293

305.2727,
287.3781, 514.0490

■ 21.9317, 17.5300,
59.0526

■ 63.0159, 54.7914,
134.9349

■ 13.9230, 10.6131,
42.2351

■ 83.6145, 73.9968,
170.1009

■ 8.1485, 5.8073,
28.9585

■ 108.2741, 97.2353,
210.9004

■ 4.2427, 2.7283,
18.8041

137.3599,
124.8913, 257.7519

■ 1.8403, 0.9916,
11.3535

171.2373,
157.3492, 311.0739

■ 0.5418, 0.0000,
6.1879

210.2717,

■ 0.0000, 0.0000,

194.9933, 371.2851

2.8891

254.8284,
238.2082, 438.8039

■ 0.0000, 0.0000,
1.0383

■ 0.0000, 0.0000,
0.0000

■ 32.5398, 26.9424,
79.8293

■ 32.5398, 26.9424,
79.8293

■ 26.6053, 19.8073,
78.7654

■ 39.9076, 35.8498,
81.1608

■ 22.0076, 14.3233,
77.9492

■ 48.7902, 46.6340,
82.7742

■ 18.6439, 10.3588,
77.3613

■ 59.2668, 59.3949,
84.6851

■ 16.3945, 7.7605,
76.9783

■ 71.4102, 74.2245,
86.9075

■ 15.1160, 6.3431,
76.7721

■ 85.2887, 91.2088,
89.4543

■ 14.7086, 5.9000,
76.7080

■ 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.



25.0564, 26.9424, 88.8720



32.5398, 26.9424, 79.8293



39.0701, 26.9424, 55.8154

Triad

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



32.5398, 26.9424, 79.8293



33.6818, 26.9424, 7.0581



14.1823, 26.9424, 27.7731

Complementary

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



32.5398, 26.9424, 79.8293



64.5644, 75.6561, 32.3201

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.



15.6591, 26.9424, 12.9216



32.5398, 26.9424, 79.8293



26.1676, 26.9424, 4.9621

Square

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



32.5398, 26.9424, 79.8293



39.8110, 26.9424, 14.5836



19.7378, 26.9424, 6.4603



15.2623, 26.9424, 51.6898

Rectangle

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



32.5398, 26.9424, 79.8293



41.5221, 26.9424, 38.5600



19.7378, 26.9424, 6.4603



14.3891, 26.9424, 21.7140

Sweetspot

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



32.5409, 26.9434, 79.8300



74.7096, 75.1465, 105.1749



51.6808, 66.3902, 86.4352



15.3281, 15.2761, 22.3906



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.



32.5409, 26.9434, 79.8300



33.4232, 25.0889, 97.6888



42.4120, 32.0321, 80.2919



13.6479, 13.9207, 18.1120



8.1958, 3.2910, 42.5864



0.6288, 0.2552, 3.1481

Inverse Universe

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



55.1269, 38.6678, 77.2304



64.9396, 41.4573, 93.6896



51.1550, 68.7433, 31.6925



14.9630, 14.6024, 18.0054



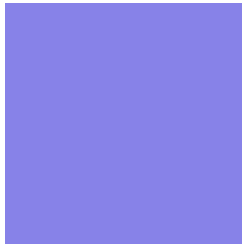
25.7068, 12.4169, 38.9465



1.9091, 0.9214, 2.9278

Previews

White Background



This preview shows how the XYZ color 32.5398, 26.9424, 79.8293 looks on a white background.

Color Contrast Check

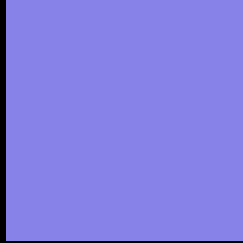
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.5398, 26.9424, 79.8293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

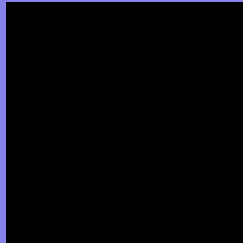
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.5398, 26.9424, 79.8293

Background



This preview shows how black text looks on a background with the XYZ color 32.5398, 26.9424, 79.8293.



This preview shows how white text looks on a background with the XYZ color 32.5398, 26.9424,

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

32.5398, 26.9424, 79.8293

Protanopia

29.8537, 27.0649, 86.0887

Deuteranopia

27.9357, 27.1270, 77.8924



Tritanopia

23.6529, 26.7394, 36.2623

Trichromacy



Original Color

32.5398, 26.9424, 79.8293

Protanomaly

30.5056, 26.8219, 83.6901

Deuteranomaly

29.3153, 26.9543, 78.5205

Tritanomaly

26.3034, 26.4699, 49.6218

Monochromacy



Original Color

32.5398, 26.9424, 79.8293

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.6416, 26.8476, 44.2827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5398, 26.9424, 79.8293 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, 130, 232)` looks like.

```
.text, #text, p{  
    color:rgb(135, 130, 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(135, 130, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 130, 232) }
```

Border

The CSS property to change the border of an element to XYZ 32.5398, 26.9424, 79.8293 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, 130, 232) }
```


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

```
.border{ border-color:rgb(135, 130, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 130, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 130, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 130, 232); box-shadow:4px 4px 4px 4px rgb(135, 130, 232) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5398, 26.9424, 79.8293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 130, 232) }
```

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

```
.background{ background-color: rgb(135,  
130, 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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