

Converting Colors

XYZ(32.9244, 25.3129, 89.1275)

Have a look what the booklet for
XYZ(32.9244, 25.3129, 89.1275)
contains.

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Color

**XYZ(32.8394, 25.1929,
88.7199)**

Conversions

Conversions Part 1

Format	Color
Hex	8579F4
RGB	133, 121, 244
RGB Percent	52%, 47%, 96%
CMY	0.4784, 0.5255, 0.0431
CMYK	0.45, 0.50, 0.00, 0.04
HSL	246°, 85%, 72%
HSV	246°, 50%, 96%
XYZ	32.8394, 25.1929, 88.7199
YIQ	138.6100, -32.3310, 40.7970

Conversions

Conversions Part 2

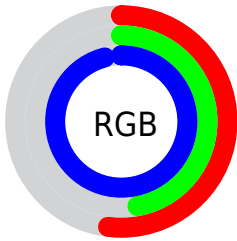
Format	Color
R _Y B	133, 121, 244
Decimal	8747508
CIE Lab	57.26, 35.06, -60.49
CIE LCh	57, 69.915, 300.099
Yxy	25.1929, 0.2238, 0.1717
Android (android.graphics.Color)	4286937588 (0xFF8579F4)
YUV	138.6100, 51.9573, -4.9200
Hunter-Lab	50.1925, 28.9500, -69.6657

Details

The XYZ color **32.8394, 25.1929, 88.7199** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **69.0798, 83.2376, 30.5152**, and the grayscale version is **24.2077, 25.4684, 27.7351**.

A 20% lighter version of the original color is **54.6719, 48.5685, 101.1009**, and **14.1110, 9.6784, 48.1381** is the 20% darker color. If you saturate the color by 10%, you get **27.1210, 18.3862, 87.7080**, and if you desaturate by 10%, it is **40.0383, 33.8763, 90.0171**.

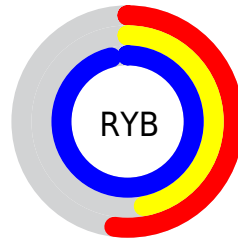
Distribution



Red (52%)

Green (47%)

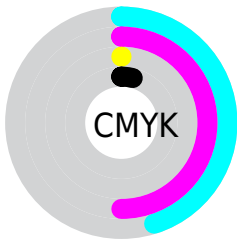
Blue (96%)



Red (52%)

Yellow (47%)

Blue (96%)

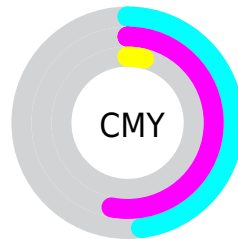


Cyan (45%)

Magenta (50%)

Yellow (0%)

Black (4%)



Cyan (48%)

Magenta (53%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8394, 25.1929, 88.7199 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 32.8394, 25.1929, 88.7199 by changing the saturation by 10% instead.

■ 32.8394, 25.1929,
88.7199

■ 32.8394, 25.1929,
88.7199

306.6032,
278.7972, 544.3202

■ 22.1621, 16.2208,
66.3517

■ 63.4811, 51.9700,
147.4789

■ 14.0933, 9.6806,
48.0997

■ 84.1761, 70.5438,
184.7069

■ 8.2677, 5.1877,
33.5453

■ 108.9412, 93.0870,
227.7251

■ 4.3200, 2.3578,
22.2700

138.1415,
119.9839, 276.9522

■ 1.8847, 0.8040,
13.8552

172.1426,
151.6190, 332.8067

■ 0.5679, 0.0000,
7.8824

211.3096,

■ 0.0000, 0.0000,

188.3767, 395.7072

3.9331

256.0081,
230.6413, 466.0722

■ 0.0000, 0.0000,
1.5887

■ 0.0000, 0.0000,
0.2828

■ 32.8394, 25.1929,
88.7199

■ 32.8394, 25.1929,
88.7199

■ 27.1210, 18.3862,
87.7080

■ 40.0383, 33.8763,
90.0171

■ 22.7764, 13.3147,
86.9581

■ 48.8080, 44.5589,
91.6168

■ 19.6893, 9.8209,
86.4464

■ 59.2355, 57.3556,
93.5372

■ 17.7228, 7.7168,
86.1439

■ 71.4002, 72.3719,
95.7945

■ 16.7015, 6.7236,
86.0061

■ 85.3767, 89.7062,
98.4037

■ 93.3292, 99.3117,
99.8386

Harmonies

Analogous

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



23.9726, 25.1929, 102.8414



32.8394, 25.1929, 88.7199



40.5478, 25.1929, 56.9779

Triad

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



32.8394, 25.1929, 88.7199



32.7806, 25.1929, 3.8610



11.3022, 25.1929, 27.5097

Complementary

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



32.8394, 25.1929, 88.7199



69.0798, 83.2376, 30.5152

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.



12.6347, 25.1929, 10.4136



32.8394, 25.1929, 88.7199



23.9176, 25.1929, 2.4418

Square

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



32.8394, 25.1929, 88.7199



40.5086, 25.1929, 10.3422



16.8219, 25.1929, 3.8824



12.6527, 25.1929, 57.2006

Rectangle

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



32.8394, 25.1929, 88.7199



43.2779, 25.1929, 36.0315



16.8219, 25.1929, 3.8824



11.4464, 25.1929, 20.3208

Sweetspot

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



32.8405, 25.1937, 88.7205



72.4601, 72.0080, 104.6876



53.5665, 69.3006, 96.1416



14.9075, 14.6699, 22.2958



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.



32.8405, 25.1937, 88.7205



30.1283, 20.4999, 96.9767



45.0957, 31.5115, 89.2941



15.7312, 16.0041, 20.8025



9.1315, 3.6818, 46.7674



0.8520, 0.3491, 4.1127

Inverse Universe

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



58.7110, 38.7343, 80.7236



61.7297, 37.0581, 86.3906



52.8706, 74.8814, 29.7566



17.1398, 16.7388, 20.4828



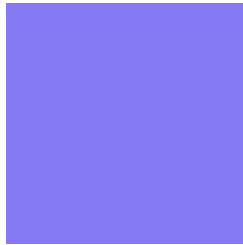
27.3525, 13.2844, 38.1600



2.4239, 1.1755, 3.4584

Previews

White Background



This preview shows how the XYZ color 32.8394, 25.1929, 88.7199 looks on a white background.

Color Contrast Check

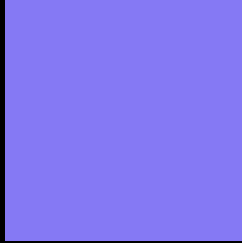
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.8394, 25.1929, 88.7199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

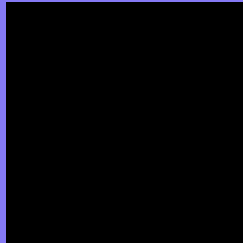
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.8394, 25.1929, 88.7199

Background



This preview shows how black text looks on a background with the XYZ color 32.8394, 25.1929, 88.7199.



This preview shows how white text looks on a background with the XYZ color 32.8394, 25.1929,

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

32.8394, 25.1929, 88.7199

Protanopia

29.1852, 25.4115, 97.9744

Deuteranopia

26.3260, 25.4603, 85.9649



Tritanopia

21.9619, 25.2292, 34.2841

Trichromacy



Original Color

32.8394, 25.1929, 88.7199

Protanomaly

29.9822, 25.0984, 94.5310

Deuteranomaly

27.5218, 24.6027, 86.5173

Tritanomaly

25.1048, 24.7674, 50.4711

Monochromacy



Original Color

32.8394, 25.1929, 88.7199

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.5036, 24.9952, 45.0226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8394, 25.1929, 88.7199 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(133, 121, 244)` looks like.

```
.text, #text, p{  
    color:rgb(133, 121, 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(133, 121, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 121, 244) }
```

Border

The CSS property to change the border of an element to XYZ 32.8394, 25.1929, 88.7199 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(133, 121, 244) }
```


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

```
.border{ border-color:rgb(133, 121, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 121, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 121, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 121, 244);  
box-shadow:4px 4px 4px 4px rgb(133, 121,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8394, 25.1929, 88.7199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 121, 244) }
```

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

```
.background{ background-color: rgb(133,  
121, 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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