

Converting Colors

XYZ(35.2796, 28.9422, 95.3982)

Have a look what the booklet for
XYZ(35.2796, 28.9422, 95.3982)
contains.

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Color

**XYZ(35.2825, 29.0388,
95.0122)**

Conversions

Conversions Part 1

Format	Color
Hex	8287FB
RGB	130, 135, 251
RGB Percent	51%, 53%, 98%
CMY	0.4902, 0.4706, 0.0157
CMYK	0.48, 0.46, 0.00, 0.02
HSL	238°, 94%, 75%
HSV	238°, 48%, 98%
XYZ	35.2825, 29.0388, 95.0122
YIQ	146.7290, -40.2160, 35.0160

Conversions

Conversions Part 2

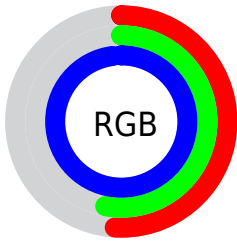
Format	Color
R _Y B	130, 135, 251
Decimal	8554491
CIE Lab	60.82, 28.24, -58.68
CIE LCh	61, 65.120, 295.701
Yxy	29.0388, 0.2214, 0.1823
Android (android.graphics.Color)	4286744571 (0xFF8287FB)
YUV	146.7290, 51.4056, -14.6713
Hunter-Lab	53.8877, 22.5680, -66.8160

Details

The XYZ color **35.2825, 29.0388, 95.0122** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **76.7708, 88.0356, 34.0675**, and the grayscale version is **27.4291, 28.8575, 31.4258**.

A 20% lighter version of the original color is **57.0195, 54.0053, 102.0265**, and **15.5912, 11.8527, 52.5050** is the 20% darker color. If you saturate the color by 10%, you get **28.9050, 21.3180, 93.8587**, and if you desaturate by 10%, it is **43.3600, 38.7629, 96.4640**.

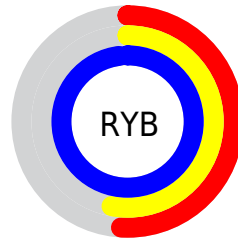
Distribution



Red (51%)

Green (53%)

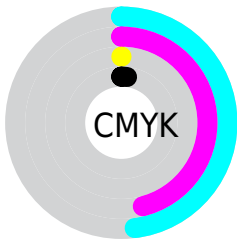
Blue (98%)



Red (51%)

Yellow (53%)

Blue (98%)

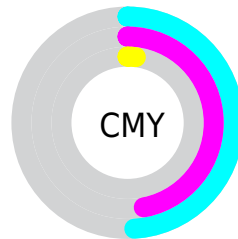


Cyan (48%)

Magenta (46%)

Yellow (0%)

Black (2%)



Cyan (49%)

Magenta (47%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2825, 29.0388, 95.0122 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 35.2825, 29.0388, 95.0122 by changing the saturation by 10% instead.

■ 35.2825, 29.0388,
95.0122

■ 35.2825, 29.0388,
95.0122

317.2997,
297.3980, 565.1894

■ 24.0481, 19.1102,
71.5482

■ 67.2543, 58.1387,
156.2772

■ 15.4942, 11.7499,
52.3051

■ 88.7224, 78.0788,
194.9152

■ 9.2555, 6.5736,
36.8644

■ 114.3325,
102.1248, 239.4484

■ 4.9667, 3.1969,
24.8076

144.4499,
130.6612, 290.2951

■ 2.2623, 1.2354,
15.7160

179.4400,
164.0723, 347.8741

■ 0.7753, 0.0903,
9.1713

219.6681,

■ 0.0000, 0.0000,

202.7426, 412.6038

4.7547

265.4995,
247.0563, 484.9027

■ 0.0000, 0.0000,
2.0479

■ 0.0000, 0.0000,
0.5845

■ 35.2825, 29.0388,
95.0122

■ 35.2825, 29.0388,
95.0122

■ 28.9050, 21.3180,
93.8587

■ 43.3600, 38.7629,
96.4640

■ 24.1026, 15.4582,
92.9807

■ 53.2432, 50.6133,
98.2305

■ 20.7392, 11.3031,
92.3560

■ 65.0336, 64.7069,
100.3294

■ 18.6539, 8.6697,
91.9576

■ 78.8240, 81.1508,
102.7765

■ 17.6355, 7.3269,
91.7521

94.4127, 99.7451,
105.5440

■ 17.5252, 7.1901,
91.7315

Harmonies

Analogous

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



26.3977, 29.0388, 104.6564



35.2825, 29.0388, 95.0122



43.3580, 29.0388, 65.8544

Triad

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



35.2825, 29.0388, 95.0122



37.8319, 29.0388, 6.6204



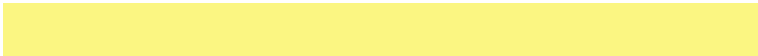
14.3379, 29.0388, 28.2496

Complementary

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



35.2825, 29.0388, 95.0122



76.7708, 88.0356, 34.0675

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.



16.2147, 29.0388, 11.9461



35.2825, 29.0388, 95.0122



28.8393, 29.0388, 4.1866

Square

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



35.2825, 29.0388, 95.0122



45.0286, 29.0388, 15.3983



21.1233, 29.0388, 5.4626



15.3734, 29.0388, 56.4643

Rectangle

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



35.2825, 29.0388, 95.0122



46.5797, 29.0388, 44.5927



21.1233, 29.0388, 5.4626



14.6364, 29.0388, 21.4416

Sweetspot

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



35.2837, 29.0398, 95.0129



73.1506, 73.9203, 105.0203



60.1781, 80.3306, 98.6806



15.0151, 15.0559, 22.3647



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.



35.2837, 29.0398, 95.0129



30.0537, 22.2085, 97.3104



45.2721, 33.1783, 95.2853



16.3405, 16.7578, 21.7586



9.2373, 3.8302, 48.2260



0.8751, 0.3939, 4.4731

Inverse Universe

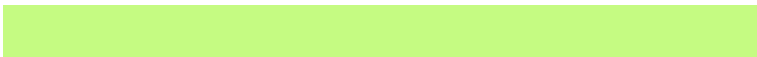
The Inverse Universe completely reimagines the original color for something new.



52.1406, 38.2255, 27.5524



49.5004, 32.9932, 19.4433



61.4361, 82.4167, 33.7911



17.2737, 17.2368, 18.0308



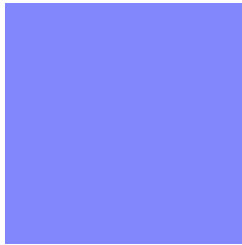
20.9546, 10.7976, 1.2034



1.9506, 1.0040, 0.1635

Previews

White Background



This preview shows how the XYZ color 35.2825, 29.0388, 95.0122 looks on a white background.

Color Contrast Check

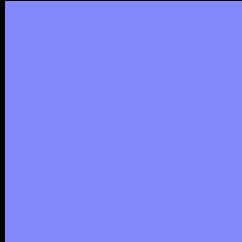
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.2825, 29.0388, 95.0122 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 35.2825, 29.0388, 95.0122

Background



This preview shows how black text looks on a background with the XYZ color 35.2825, 29.0388, 95.0122.



This preview shows how white text looks on a background with the XYZ color 35.2825, 29.0388,

95.0122.

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

35.2825, 29.0388, 95.0122

Protanopia

32.5918, 29.2978, 98.5450

Deuteranopia

30.2808, 29.3736, 92.8806



Tritanopia

24.3564, 28.9045, 40.8546

Trichromacy



Original Color

35.2825, 29.0388, 95.0122

Protanomaly

33.4518, 29.1001, 97.6197

Deuteranomaly

31.5374, 28.8642, 93.5317

Tritanomaly

27.5662, 28.5221, 57.4785

Monochromacy



Original Color

35.2825, 29.0388, 95.0122

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.5639, 28.8104, 49.9017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2825, 29.0388, 95.0122 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(130, 135, 251)` looks like.

```
.text, #text, p{  
    color:rgb(130, 135, 251)  
}
```

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(130, 135, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 135, 251) }
```

Border

The CSS property to change the border of an element to XYZ 35.2825, 29.0388, 95.0122 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(130, 135, 251) }
```


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

```
.border{ border-color:rgb(130, 135, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 135, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 135, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 135, 251);  
box-shadow:4px 4px 4px 4px rgb(130, 135,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2825, 29.0388, 95.0122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 135, 251) }
```

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

```
.background{ background-color: rgb(130,  
135, 251) }
```

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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