

Converting Colors

XYZ(35.5715, 29.5287, 94.6817)

Have a look what the booklet for
XYZ(35.5715, 29.5287, 94.6817)
contains.

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Color

**XYZ(35.7183, 29.6816,
95.1134)**

Conversions

Conversions Part 1

Format	Color
Hex	8389FB
RGB	131, 137, 251
RGB Percent	51%, 54%, 98%
CMY	0.4863, 0.4627, 0.0157
CMYK	0.48, 0.45, 0.00, 0.02
HSL	237°, 94%, 75%
HSV	237°, 48%, 98%
XYZ	35.7183, 29.6816, 95.1134
YIQ	148.2020, -40.1700, 34.1820

Conversions

Conversions Part 2

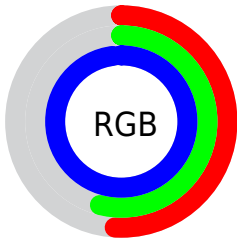
Format	Color
RYB	131, 137, 251
Decimal	8620539
CIELab	61.38, 27.29, -57.78
CIELCh	61, 63.896, 295.283
Yxy	29.6816, 0.2225, 0.1849
Android (android.graphics.Color)	4286810619 (0xFF8389FB)
YUV	148.2020, 50.6794, -15.0862
Hunter-Lab	54.4808, 21.6854, -65.3728

Details

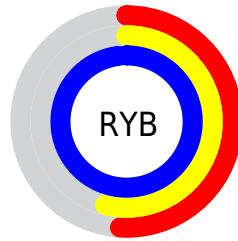
The XYZ color **35.7183, 29.6816, 95.1134** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **76.5348, 87.4558, 34.3215**, and the grayscale version is **28.0408, 29.5011, 32.1267**.

A 20% lighter version of the original color is **57.4497, 54.8657, 102.1700**, and **15.7443, 12.0510, 52.5352** is the 20% darker color. If you saturate the color by 10%, you get **29.2679, 21.8685, 93.9459**, and if you desaturate by 10%, it is **43.8617, 39.4800, 96.5761**.

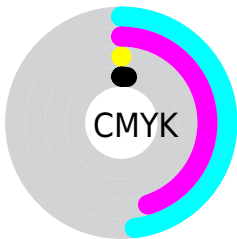
Distribution



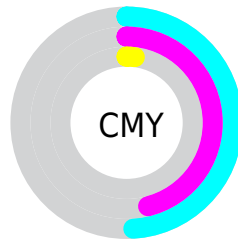
- Red (51%)
- Green (54%)
- Blue (98%)



- Red (51%)
- Yellow (54%)
- Blue (98%)



- Cyan (48%)
- Magenta (45%)
- Yellow (0%)
- Black (2%)



- Cyan (49%)
- Magenta (46%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7183, 29.6816, 95.1134 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 35.7183, 29.6816, 95.1134 by changing the saturation by 10% instead.

■ 35.7183, 29.6816,
95.1134

■ 35.7183, 29.6816,
95.1134

319.1804,
300.4175, 565.5216

■ 24.3858, 19.5970,
71.6320

■ 67.9238, 59.1583,
156.4182

■ 15.7463, 12.1025,
52.3731

■ 89.5275, 79.3192,
195.0786

■ 9.4345, 6.8135,
36.9182

■ 115.2856,
103.6077, 239.6358

■ 5.0851, 3.3457,
24.8489

145.5635,
132.4081, 290.5082

■ 2.3325, 1.3148,
15.7465

180.7266,
166.1049, 348.1145

■ 0.8112, 0.1526,
9.1926

221.1402,

■ 0.0000, 0.0000,

205.0825, 412.8731

4.7685

267.1697,
249.7252, 485.2026

■ 0.0000, 0.0000,
2.0557

■ 0.0000, 0.0000,
0.5892

■ 35.7183, 29.6816,
95.1134

■ 35.7183, 29.6816,
95.1134

■ 29.2679, 21.8685,
93.9459

■ 43.8617, 39.4800,
96.5761

■ 24.3876, 15.9023,
93.0515

■ 53.8019, 51.3834,
98.3498

■ 20.9442, 11.6315,
92.4087

■ 65.6388, 65.5058,
100.4518

■ 18.7805, 8.8793,
91.9915

■ 79.4639, 81.9518,
102.8975

■ 17.6943, 7.4259,
91.7682

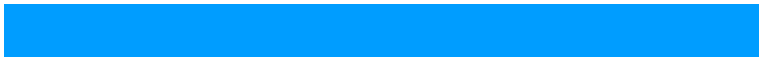
94.4127, 99.7451,
105.5441

■ 17.5509, 7.2414,
91.7401

Harmonies

Analogous

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



26.8990, 29.6816, 104.2002



35.7183, 29.6816, 95.1134



43.7477, 29.6816, 66.6337

Triad

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



35.7183, 29.6816, 95.1134



38.4898, 29.6816, 7.2038



14.9413, 29.6816, 28.6481

Complementary

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



35.7183, 29.6816, 95.1134



76.5348, 87.4558, 34.3215

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.



16.8726, 29.6816, 12.4299



35.7183, 29.6816, 95.1134



29.5659, 29.6816, 4.6149

Square

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



35.7183, 29.6816, 95.1134



45.5585, 29.6816, 16.2662



21.8378, 29.6816, 5.8892



15.9437, 29.6816, 56.4835

Rectangle

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



35.7183, 29.6816, 95.1134



46.9786, 29.6816, 45.6084



21.8378, 29.6816, 5.8892



15.2558, 29.6816, 21.8987

Sweetspot

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



35.7195, 29.6826, 95.1141



73.2324, 74.0839, 105.0476



60.3399, 80.4132, 98.7281



15.0346, 15.0951, 22.3712



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.



35.7195, 29.6826, 95.1141



30.7881, 23.2150, 97.4660



45.5381, 33.5138, 95.3361



16.3526, 16.7820, 21.7627



9.2551, 3.8658, 48.2319



0.8809, 0.4055, 4.4750

Inverse Universe

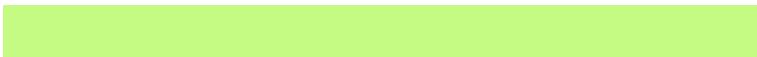
The Inverse Universe completely reimagines the original color for something new.



52.4165, 38.5496, 28.3457



49.9840, 33.6188, 20.6575



61.6212, 82.5044, 34.1518



17.2798, 17.2393, 18.0630



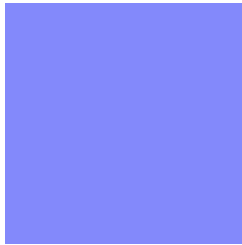
20.9636, 10.8012, 1.2507



1.9536, 1.0052, 0.1789

Previews

White Background



This preview shows how the XYZ color 35.7183, 29.6816, 95.1134 looks on a white background.

Color Contrast Check

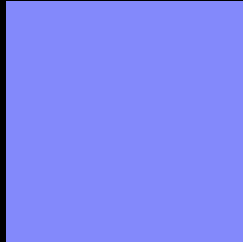
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.7183, 29.6816, 95.1134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

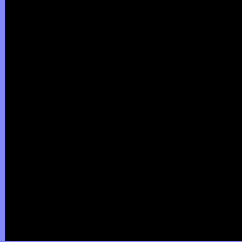
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.7183, 29.6816, 95.1134

Background



This preview shows how black text looks on a background with the XYZ color 35.7183, 29.6816, 95.1134.



This preview shows how white text looks on a background with the XYZ color 35.7183, 29.6816,

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

35.7183, 29.6816, 95.1134

Protanopia

33.1688, 29.8192, 98.6152

Deuteranopia

30.8326, 29.8919, 92.9516



Tritanopia

25.0198, 29.7299, 41.4655

Trichromacy



Original Color

35.7183, 29.6816, 95.1134

Protanomaly

33.9698, 29.5850, 97.6860

Deuteranomaly

32.1540, 29.6317, 93.6473

Tritanomaly

28.1429, 29.2851, 57.5954

Monochromacy



Original Color

35.7183, 29.6816, 95.1134

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.8855, 29.2001, 49.9600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7183, 29.6816, 95.1134 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(131, 137, 251)` looks like.

```
.text, #text, p{  
    color:rgb(131, 137, 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(131, 137, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 137, 251) }
```

Border

The CSS property to change the border of an element to XYZ 35.7183, 29.6816, 95.1134 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(131, 137, 251) }
```


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

```
.border{ border-color:rgb(131, 137, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 137, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 137, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 137, 251);  
box-shadow:4px 4px 4px 4px rgb(131, 137,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7183, 29.6816, 95.1134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 137, 251) }
```

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

```
.background{ background-color: rgb(131,  
137, 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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