

Converting Colors

XYZ(35.8719, 26.5575, 97.8432)

Have a look what the booklet for
XYZ(35.8719, 26.5575, 97.8432)
contains.

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Color

**XYZ(35.8719, 26.5575,
97.8432)**

Conversions

Conversions Part 1

Format	Color
Hex	8D79FF
RGB	141, 121, 255
RGB Percent	55%, 47%, 100%
CMY	0.4470, 0.5255, 0.0000
CMYK	0.45, 0.53, 0.00, 0.00
HSL	249°, 100%, 74%
HSV	249°, 53%, 100%
XYZ	35.8719, 26.5575, 97.8432
YIQ	142.2560, -31.0940, 45.9140

Conversions

Conversions Part 2

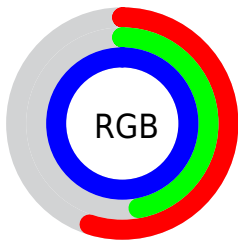
Format	Color
RYB	141, 121, 255
Decimal	9271807
CIELab	58.56, 39.94, -64.44
CIELCh	59, 75.818, 301.792
Yxy	26.5575, 0.2238, 0.1657
Android (android.graphics.Color)	4287461887 (0xFF8D79FF)
YUV	142.2560, 55.5828, -1.1015
Hunter-Lab	51.5340, 34.0663, -76.4951

Details

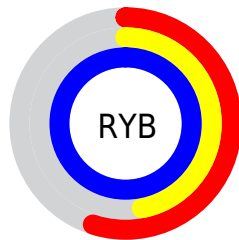
The XYZ color **35.8719, 26.5575, 97.8432** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **73.4711, 90.5621, 31.6976**, and the grayscale version is **25.6091, 26.9428, 29.3407**.

A 20% lighter version of the original color is **57.0055, 49.7715, 101.2101**, and **15.7887, 10.4153, 54.0015** is the 20% darker color. If you saturate the color by 10%, you get **29.8382, 19.4391, 96.7872**, and if you desaturate by 10%, it is **43.4490, 35.6875, 99.2061**.

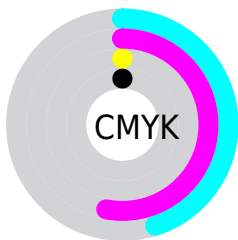
Distribution



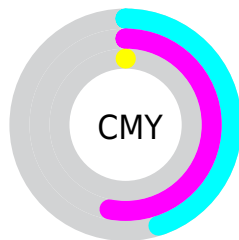
- Red (55%)
- Green (47%)
- Blue (100%)



- Red (55%)
- Yellow (47%)
- Blue (100%)



- Cyan (45%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)





- Cyan (45%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8719, 26.5575, 97.8432 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 35.8719, 26.5575, 97.8432 by changing the saturation by 10% instead.


 35.8719, 26.5575,
97.8432


 35.8719, 26.5575,
97.8432

319.8413,
285.5082, 574.4429

 24.5049, 17.2412,
73.8937


 68.1595, 54.1730,
160.2160

 15.8354, 10.4066,
54.2108


 89.8108, 73.2409,
199.4764

 9.4978, 5.6694,
38.3759


 115.6209, 96.3282,
244.6775

 5.1270, 2.6451,
25.9705

145.9552,
123.8192, 296.2379

 2.3575, 0.9494,
16.5760

181.1790,
156.0983, 354.5761

 0.8238, 0.0000,
9.7739

221.6578,

 0.0000, 0.0000,

193.5499, 420.1106

5.1457

267.7567,
236.5584, 493.2601

■ 0.0000, 0.0000,
2.2727

■ 0.0000, 0.0000,
0.7159

■ 35.8719, 26.5575,
97.8432

■ 35.8719, 26.5575,
97.8432

■ 29.8382, 19.4391,
96.7872

■ 43.4490, 35.6875,
99.2061

■ 25.2362, 14.1760,
96.0139

■ 52.6640, 46.9645,
100.8971

■ 21.9440, 10.5924,
95.4957

■ 63.6076, 60.5148,
102.9358

■ 19.8167, 8.4765,
95.1994

■ 76.3628, 76.4541,
105.3401

■ 18.8518, 7.6333,
95.0875

■ 91.0072, 94.8903,
108.1268

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



25.8049, 26.5575, 116.1204



35.8719, 26.5575, 97.8432



44.4843, 26.5575, 60.4670

Triad

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



35.8719, 26.5575, 97.8432



34.6625, 26.5575, 3.2035



11.2658, 26.5575, 30.5464

Complementary

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



35.8719, 26.5575, 97.8432



73.4711, 90.5621, 31.6976

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.



12.5454, 26.5575, 10.8488



35.8719, 26.5575, 97.8432



24.6875, 26.5575, 2.0006

Square

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



35.8719, 26.5575, 97.8432



43.6741, 26.5575, 9.4700



16.9518, 26.5575, 3.5869



12.8992, 26.5575, 65.1131

Rectangle

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



35.8719, 26.5575, 97.8432



47.3731, 26.5575, 36.8529



16.9518, 26.5575, 3.5869



11.3679, 26.5575, 22.2103

Sweetspot

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



35.8730, 26.5583, 97.8433



71.7505, 70.6755, 104.4678



56.2583, 71.9308, 105.5267



14.7914, 14.4197, 22.2536



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.



35.8730, 26.5583, 97.8433



29.6003, 19.1626, 96.7464



50.3044, 33.9980, 98.5187



17.2553, 17.5078, 22.7198



9.9256, 4.0273, 49.6888



1.0374, 0.4287, 4.8413

Inverse Universe

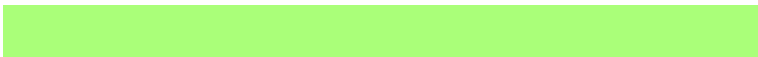
The Inverse Universe completely reimagines the original color for something new.



63.0725, 40.9331, 83.1713



59.7003, 35.0983, 79.2428



55.8179, 81.4616, 30.8715



18.6692, 18.2510, 22.1413



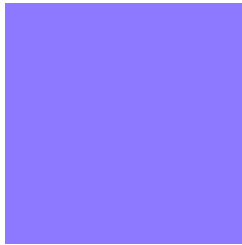
28.1328, 13.7424, 35.6794



2.7695, 1.3502, 3.6335

Previews

White Background



This preview shows how the XYZ color 35.8719, 26.5575, 97.8432 looks on a white background.

Color Contrast Check

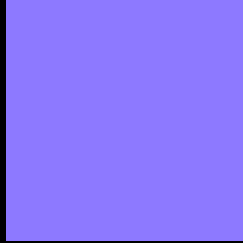
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.8719, 26.5575, 97.8432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

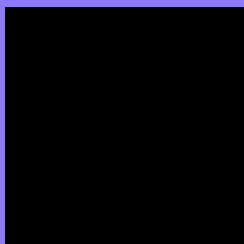
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.8719, 26.5575, 97.8432

Background



This preview shows how black text looks on a background with the XYZ color 35.8719, 26.5575, 97.8432.



This preview shows how white text looks on a background with the XYZ color 35.8719, 26.5575,

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

35.8719, 26.5575, 97.8432

Protanopia

30.4753, 26.9052, 98.1947

Deuteranopia

27.8407, 26.9404, 94.1751



Tritanopia

23.2814, 26.3300, 35.7534

Trichromacy



Original Color

35.8719, 26.5575, 97.8432

Protanomaly

31.7598, 26.3362, 98.0172

Deuteranomaly

29.1363, 25.8521, 95.5498

Tritanomaly

26.7420, 25.7437, 54.0116

Monochromacy



Original Color

35.8719, 26.5575, 97.8432

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

28.2277, 26.2199, 48.3729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8719, 26.5575, 97.8432 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(141, 121, 255)` looks like.

```
.text, #text, p{  
    color:rgb(141, 121, 255)  
}
```

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(141, 121, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 121, 255) }
```

Border

The CSS property to change the border of an element to XYZ 35.8719, 26.5575, 97.8432 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(141, 121, 255) }
```


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

```
.border{ border-color:rgb(141, 121, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 121, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 121, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 121, 255);  
box-shadow:4px 4px 4px 4px rgb(141, 121,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8719, 26.5575, 97.8432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 121, 255) }
```

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

```
.background{ background-color: rgb(141,  
121, 255) }
```

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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