

Converting Colors

XYZ(47.9738, 38.1082,
140.2838)

Have a look what the booklet for
XYZ(47.9738, 38.1082, 140.2838)
contains.

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Color

**XYZ(40.2719, 35.1040,
99.2609)**

Conversions

Conversions Part 1

Format	Color
Hex	8E97FF
RGB	142, 151, 255
RGB Percent	56%, 59%, 100%
CMY	0.4431, 0.4078, 0.0000
CMYK	0.44, 0.41, 0.00, 0.00
HSL	235°, 100%, 78%
HSV	235°, 44%, 100%
XYZ	40.2719, 35.1040, 99.2609
YIQ	160.1650, -38.7480, 30.4360

Conversions

Conversions Part 2

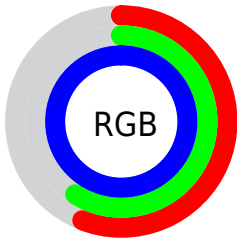
Format	Color
RYB	142, 150, 255
Decimal	9345023
CIELab	65.83, 22.83, -52.84
CIELCh	66, 57.561, 293.365
Yxy	35.1040, 0.2306, 0.2010
Android (android.graphics.Color)	4287535103 (0xFF8E97FF)
YUV	160.1650, 46.7537, -15.9307
Hunter-Lab	59.2486, 17.6432, -57.8562

Details

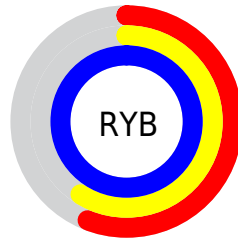
The XYZ color **40.2719, 35.1040, 99.2609** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **79.0793, 89.1261, 38.6282**, and the grayscale version is **33.2948, 35.0287, 38.1463**.

A 20% lighter version of the original color is **63.7007, 63.1620, 103.4418**, and **18.4064, 15.0764, 55.3660** is the 20% darker color. If you saturate the color by 10%, you get **32.9781, 26.2845, 97.9430**, and if you desaturate by 10%, it is **49.3206, 45.9453, 100.8766**.

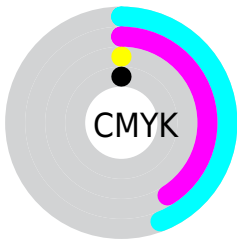
Distribution



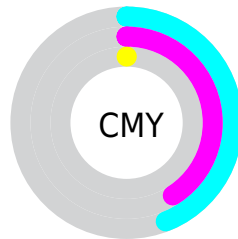
- Red (56%)
- Green (59%)
- Blue (100%)



- Red (56%)
- Yellow (59%)
- Blue (100%)



- Cyan (44%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.2719, 35.1040, 99.2609 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 40.2719, 35.1040, 99.2609 by changing the saturation by 10% instead.

■ 40.2719, 35.1040,
99.2609

■ 40.2719, 35.1040,
99.2609

338.3831,
325.0271, 579.0469

■ 27.9358, 23.7430,
75.0700

■ 74.8591, 67.6468,
162.1841

■ 18.4174, 15.1431,
55.1682

■ 97.8408, 89.5975,
201.7535

■ 11.3516, 8.9199,
39.1369

125.1018,
115.8468, 247.2862

■ 6.3729, 4.6890,
26.5576

157.0075,
146.7792, 299.2006

■ 3.1159, 2.0659,
17.0117

193.9230,
182.7790, 357.9153

■ 1.2154, 0.6454,
10.0808

236.2139,

■ 0.1184, 0.0000,

224.2307, 423.8489

5.3463

284.2455,
271.5186, 497.4199

■ 0.0000, 0.0000,
2.3896

■ 0.0000, 0.0000,
0.7807

■ 40.2719, 35.1040,
99.2609

■ 40.2719, 35.1040,
99.2609

■ 32.9781, 26.2845,
97.9430

■ 49.3206, 45.9453,
100.8766

■ 27.3216, 19.3578,
96.9042

■ 60.2242, 58.9194,
102.8062

■ 23.1759, 14.1858,
96.1244

■ 73.0797, 74.1335,
105.0652

■ 20.3945, 10.6098,
95.5807

■ 87.9761, 91.6864,
107.6681

■ 18.8012, 8.4419,
95.2463

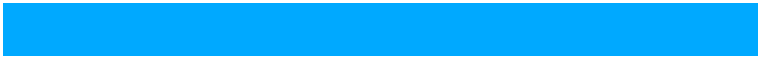
95.0500, 100.0000,
108.9000

■ 18.3056, 7.7312,
95.1352

Harmonies

Analogous

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



31.5133, 35.1040, 106.0668



40.2719, 35.1040, 99.2609



48.2649, 35.1040, 73.4856

Triad

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



40.2719, 35.1040, 99.2609



44.0927, 35.1040, 11.6308



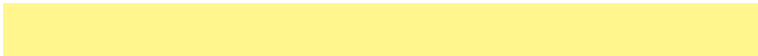
19.6277, 35.1040, 33.0677

Complementary

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



40.2719, 35.1040, 99.2609



79.0793, 89.1261, 38.6282

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.



21.8988, 35.1040, 16.5512



40.2719, 35.1040, 99.2609



35.2885, 35.1040, 8.0411

Square

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



40.2719, 35.1040, 99.2609



50.7195, 35.1040, 22.5090



27.2973, 35.1040, 9.3527



20.5041, 35.1040, 59.9395

Rectangle

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



40.2719, 35.1040, 99.2609



51.5916, 35.1040, 53.2399



27.2973, 35.1040, 9.3527



20.0337, 35.1040, 26.3330

Sweetspot

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



40.2731, 35.1052, 99.2611



74.9157, 76.3008, 105.3868



63.4869, 83.8995, 99.7023



15.3782, 15.5559, 22.4420



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.



40.2731, 35.1052, 99.2611



33.8392, 27.3309, 98.0996



48.7313, 37.3973, 99.2577



17.1192, 17.6100, 22.7467



9.6056, 4.1208, 49.7237



0.9734, 0.4775, 4.8541

Inverse Universe

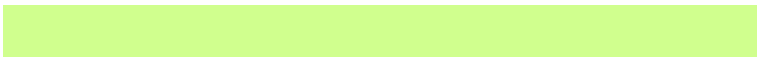
The Inverse Universe completely reimagines the original color for something new.



56.4998, 42.8419, 34.5706



52.0089, 36.2851, 25.5976



66.6324, 86.8712, 38.8490



18.0681, 18.0105, 18.9756



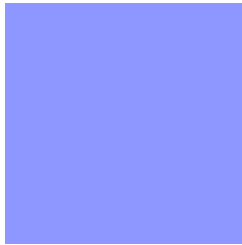
21.6367, 11.1440, 1.4712



2.1259, 1.0928, 0.2446

Previews

White Background



This preview shows how the XYZ color 40.2719, 35.1040, 99.2609 looks on a white background.

Color Contrast Check

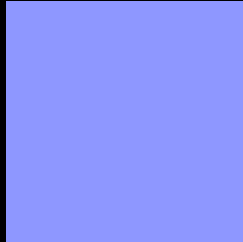
Large Text (above 18pt) WCAG AA × Fail

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 40.2719, 35.1040, 99.2609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

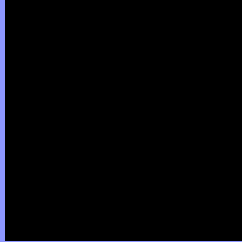
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2719, 35.1040, 99.2609

Background



This preview shows how black text looks on a background with the XYZ color 40.2719, 35.1040, 99.2609.



This preview shows how white text looks on a background with the XYZ color 40.2719, 35.1040,

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

40.2719, 35.1040, 99.2609

Protanopia

37.8236, 35.0619, 99.3818

Deuteranopia

36.3638, 35.3593, 97.8369



Tritanopia

30.0830, 35.0703, 48.3637

Trichromacy



Original Color

40.2719, 35.1040, 99.2609

Protanomaly

38.6589, 34.9983, 99.3256

Deuteranomaly

37.6921, 35.2628, 98.5857

Tritanomaly

33.0606, 34.6619, 63.9794

Monochromacy



Original Color

40.2719, 35.1040, 99.2609

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.0442, 34.8264, 56.5049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2719, 35.1040, 99.2609 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(142, 151, 255)` looks like.

```
.text, #text, p{  
    color:rgb(142, 151, 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(142, 151, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 151, 255) }
```

Border

The CSS property to change the border of an element to XYZ 40.2719, 35.1040, 99.2609 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(142, 151, 255) }
```


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

```
.border{ border-color:rgb(142, 151, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 151, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 151, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 151, 255);  
box-shadow:4px 4px 4px 4px rgb(142, 151,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2719, 35.1040, 99.2609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 151, 255) }
```

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

```
.background{ background-color: rgb(142,  
151, 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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