

Converting Colors

XYZ(40.4365, 35.9413, 99.3530)

Have a look what the booklet for
XYZ(40.4365, 35.9413, 99.3530)
contains.

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Color

**XYZ(40.4208, 35.9067,
99.4080)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9AFF
RGB	140, 154, 255
RGB Percent	55%, 60%, 100%
CMY	0.4510, 0.3961, 0.0000
CMYK	0.45, 0.40, 0.00, 0.00
HSL	233°, 100%, 77%
HSV	233°, 45%, 100%
XYZ	40.4208, 35.9067, 99.4080
YIQ	161.3280, -40.7650, 28.4430

Conversions

Conversions Part 2

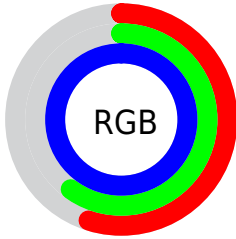
Format	Color
R_{YB}	140, 152, 255
Decimal	9214719
CIE _{Lab}	66.45, 20.62, -51.87
CIE _{LCh}	66, 55.818, 291.682
Yxy	35.9067, 0.2300, 0.2043
Android (android.graphics.Color)	4287404799 (0xFF8C9AFF)
YUV	161.3280, 46.1803, -18.7047
Hunter-Lab	59.9222, 15.5442, -56.4137

Details

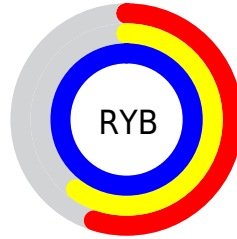
The XYZ color **40.4208, 35.9067, 99.4080** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **77.4299, 86.0655, 37.3441**, and the grayscale version is **33.8354, 35.5975, 38.7657**.

A 20% lighter version of the original color is **63.8946, 64.3375, 103.6585**, and **18.5230, 15.5716, 55.4554** is the 20% darker color. If you saturate the color by 10%, you get **33.2533, 27.2274, 98.1105**, and if you desaturate by 10%, it is **49.2759, 46.4808, 100.9823**.

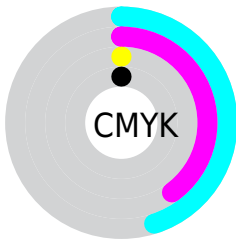
Distribution



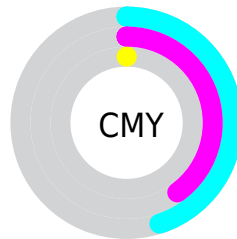
- Red (55%)
- Green (60%)
- Blue (100%)



- Red (55%)
- Yellow (60%)
- Blue (100%)



- Cyan (45%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4208, 35.9067, 99.4080 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 40.4208, 35.9067, 99.4080 by changing the saturation by 10% instead.

■ 40.4208, 35.9067,
99.4080

■ 40.4208, 35.9067,
99.4080

338.9981,
328.5526, 579.5235

■ 28.0525, 24.3621,
75.1921

■ 75.0841, 68.8880,
162.3882

■ 18.5059, 15.6025,
55.2676

■ 98.1099, 91.0936,
201.9895

■ 11.4157, 9.2433,
39.2160

125.4187,
117.6216, 247.5565

■ 6.4165, 4.9002,
26.6187

157.3761,
148.8565, 299.5075

■ 3.1430, 2.1888,
17.0571

194.3474,
185.1827, 358.2612

■ 1.2298, 0.7139,
10.1128

236.6979,

■ 0.1297, 0.0000,

226.9845, 424.2360

5.3673

284.7930,
274.6463, 497.8506

■ 0.0000, 0.0000,
2.4018

■ 0.0000, 0.0000,
0.7874

■ 40.4208, 35.9067,
99.4080

■ 40.4208, 35.9067,
99.4080

■ 33.2533, 27.2274,
98.1105

■ 49.2759, 46.4808,
100.9823

■ 27.6614, 20.3263,
97.0732

■ 59.9133, 59.0494,
102.8476

■ 23.5255, 15.0799,
96.2785

■ 72.4251, 73.7096,
105.0179

■ 20.7066, 11.3463,
95.7064

■ 86.8960, 90.5510,
107.5059

■ 19.0375, 8.9594,
95.3337

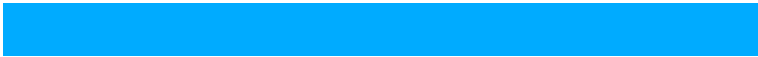
95.0500, 100.0000,
108.9000

■ 18.5410, 8.2021,
95.2137

Harmonies

Analogous

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



31.8542, 35.9067, 104.6654



40.4208, 35.9067, 99.4080



48.3637, 35.9067, 75.1682

Triad

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



40.4208, 35.9067, 99.4080



45.1015, 35.9067, 12.9513



20.5611, 35.9067, 32.8047

Complementary

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



40.4208, 35.9067, 99.4080



77.4299, 86.0655, 37.3441

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.



23.0023, 35.9067, 16.9288



40.4208, 35.9067, 99.4080



36.5080, 35.9067, 8.9383

Square

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



40.4208, 35.9067, 99.4080



51.3587, 35.9067, 24.4303



28.5252, 35.9067, 10.0161



21.2598, 35.9067, 58.6990

Rectangle

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



40.4208, 35.9067, 99.4080



51.7838, 35.9067, 55.4311



28.5252, 35.9067, 10.0161



21.0252, 35.9067, 26.3343

Sweetspot

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



40.4221, 35.9079, 99.4082



73.9143, 75.4476, 105.2749



62.2548, 83.3674, 94.9895



15.1981, 15.4220, 22.4257



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.



40.4221, 35.9079, 99.4082



33.9601, 28.0899, 98.2397



46.7603, 35.9433, 99.0810



17.1811, 17.7338, 22.7674



9.7435, 4.3966, 49.7697



1.0025, 0.5358, 4.8638

Inverse Universe

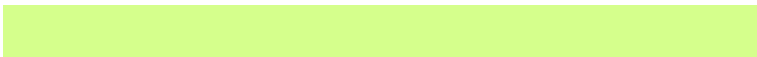
The Inverse Universe completely reimagines the original color for something new.



56.4517, 42.3508, 35.7722



51.9437, 35.7756, 26.7444



67.8867, 87.5351, 38.1308



18.0993, 18.0230, 19.1401



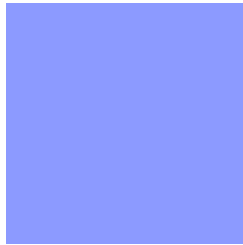
21.7063, 11.1718, 1.8377



2.1406, 1.0986, 0.3221

Previews

White Background



This preview shows how the XYZ color 40.4208, 35.9067, 99.4080 looks on a white background.

Color Contrast Check

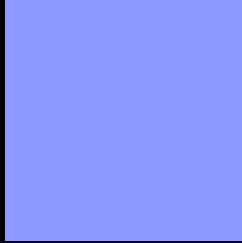
Large Text (above 18pt) WCAG AA × Fail

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 40.4208, 35.9067, 99.4080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

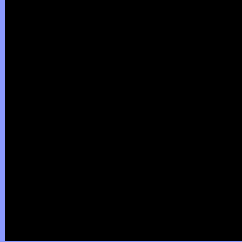
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4208, 35.9067, 99.4080

Background



This preview shows how black text looks on a background with the XYZ color 40.4208, 35.9067, 99.4080.



This preview shows how white text looks on a background with the XYZ color 40.4208, 35.9067,

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

40.4208, 35.9067, 99.4080

Protanopia

38.5890, 35.9588, 99.5146

Deuteranopia

37.0300, 35.9611, 97.9180



Tritanopia

30.4809, 35.7879, 50.1010

Trichromacy



Original Color

40.4208, 35.9067, 99.4080

Protanomaly

39.3129, 36.0798, 99.4998

Deuteranomaly

38.1423, 35.7471, 98.6555

Tritanomaly

33.5365, 35.6664, 65.4383

Monochromacy



Original Color

40.4208, 35.9067, 99.4080

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.2141, 35.1662, 56.5615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4208, 35.9067, 99.4080 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(140, 154, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 154, 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(140, 154, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 154, 255) }
```

Border

The CSS property to change the border of an element to XYZ 40.4208, 35.9067, 99.4080 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(140, 154, 255) }
```


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

```
.border{ border-color:rgb(140, 154, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 154, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 154, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 154, 255);  
box-shadow:4px 4px 4px 4px rgb(140, 154,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4208, 35.9067, 99.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 154, 255) }
```

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

```
.background{ background-color: rgb(140,  
154, 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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