

Converting Colors

XYZ(41.5694, 39.2784, 97.8336)

Have a look what the booklet for
XYZ(41.5694, 39.2784, 97.8336)
contains.

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Color

**XYZ(41.5071, 39.3418,
97.5015)**

Conversions

Conversions Part 1

Format	Color
Hex	8AA5FC
RGB	138, 165, 252
RGB Percent	54%, 65%, 99%
CMY	0.4588, 0.3529, 0.0118
CMYK	0.45, 0.35, 0.00, 0.01
HSL	226°, 95%, 76%
HSV	226°, 45%, 99%
XYZ	41.5071, 39.3418, 97.5015
YIQ	166.8450, -44.0190, 21.3330

Conversions

Conversions Part 2

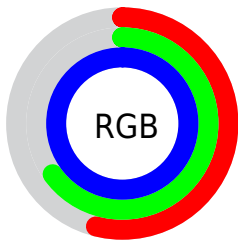
Format	Color
RYB	138, 160, 252
Decimal	9086460
CIELab	69.00, 12.97, -46.22
CIELCh	69, 48.010, 285.675
Yxy	39.3418, 0.2327, 0.2206
Android (android.graphics.Color)	4287276540 (0xFF8AA5FC)
YUV	166.8450, 41.9814, -25.2971
Hunter-Lab	62.7230, 8.3574, -48.2588

Details

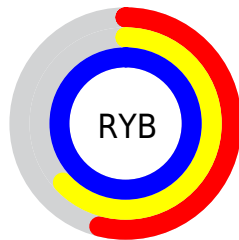
The XYZ color **41.5071, 39.3418, 97.5015** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **71.6594, 76.3834, 35.0135**, and the grayscale version is **36.4741, 38.3736, 41.7888**.

A 20% lighter version of the original color is **66.4081, 70.1422, 104.6464**, and **19.1759, 17.6802, 54.0317** is the 20% darker color. If you saturate the color by 10%, you get **34.5994, 31.0132, 96.2588**, and if you desaturate by 10%, it is **49.9065, 49.2151, 98.9653**.

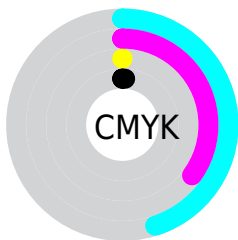
Distribution



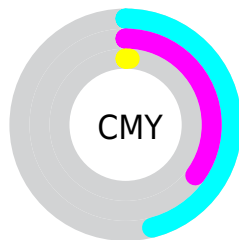
- Red (54%)
- Green (65%)
- Blue (99%)



- Red (54%)
- Yellow (63%)
- Blue (99%)



- Cyan (45%)
- Magenta (35%)
- Yellow (0%)
- Black (1%)



- Cyan (46%)
- Magenta (35%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5071, 39.3418, 97.5015 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 41.5071, 39.3418, 97.5015 by changing the saturation by 10% instead.

■ 41.5071, 39.3418,
97.5015

■ 41.5071, 39.3418,
97.5015

343.4621,
343.3415, 573.3303

■ 28.9050, 27.0257,
73.6104

■ 76.7229, 74.1602,
159.7412

■ 19.1529, 17.5925,
53.9803

■ 100.0674, 97.4313,
198.9269

■ 11.8854, 10.6579,
38.1929

127.7232,
125.1229, 244.0478

■ 6.7374, 5.8373,
25.8294

160.0559,
157.6193, 295.5225

■ 3.3433, 2.7464,
16.4715

197.4308,
195.3050, 353.7696

■ 1.3378, 1.0008,
9.7004

240.2132,

■ 0.2112, 0.0000,

238.5643, 419.2076

5.0978

288.7685,
287.7817, 492.2549

■ 0.0000, 0.0000,
2.2450

■ 0.0000, 0.0000,
0.7002

■ 41.5071, 39.3418,
97.5015

■ 41.5071, 39.3418,
97.5015

■ 34.5994, 31.0132,
96.2588

■ 49.9065, 49.2151,
98.9653

■ 29.0879, 24.1436,
95.2233

■ 59.8763, 60.7039,
100.6574

■ 24.8726, 18.6450,
94.3841

■ 71.4947, 73.8797,
102.5882

■ 21.8370, 14.4171,
93.7280

■ 84.8335, 88.8084,
104.7667

■ 19.8409, 11.3434,
93.2399

94.5708, 99.8083,
106.3767

■ 19.1700, 10.2266,
93.0598

Harmonies

Analogous

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



33.8726, 39.3418, 97.9461



41.5071, 39.3418, 97.5015



48.9262, 39.3418, 79.5013

Triad

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



41.5071, 39.3418, 97.5015



48.6340, 39.3418, 19.2257



24.8819, 39.3418, 33.2412

Complementary

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



41.5071, 39.3418, 97.5015



71.6594, 76.3834, 35.0135

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.



27.8319, 39.3418, 19.6395



41.5071, 39.3418, 97.5015



41.1497, 39.3418, 13.6231

Square

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



41.5071, 39.3418, 97.5015



53.4077, 39.3418, 32.4391



33.5605, 39.3418, 13.7429



24.9502, 39.3418, 55.2474

Rectangle

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



41.5071, 39.3418, 97.5015



52.4516, 39.3418, 62.6241



33.5605, 39.3418, 13.7429



25.5338, 39.3418, 27.7295

Sweetspot

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



41.5086, 39.3432, 97.5025



75.0297, 77.6785, 105.6467



58.6799, 80.3799, 82.5896



15.4664, 15.9586, 22.5151



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.



41.5086, 39.3432, 97.5025



36.3186, 32.8069, 99.0259



42.4919, 33.3685, 96.2974



16.6167, 17.3102, 21.8507



10.0793, 5.5142, 48.5067



1.0115, 0.6666, 4.5185

Inverse Universe

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



56.0262, 41.5909, 40.6734



53.1341, 36.2517, 33.0133



69.9849, 87.2243, 37.1943



17.4131, 17.2926, 18.7649



21.3796, 10.9676, 3.4414



2.0195, 1.0315, 0.5259

Previews

White Background



This preview shows how the XYZ color 41.5071, 39.3418, 97.5015 looks on a white background.

Color Contrast Check

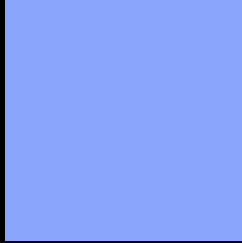
Large Text (above 18pt) WCAG AA × Fail

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 41.5071, 39.3418, 97.5015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

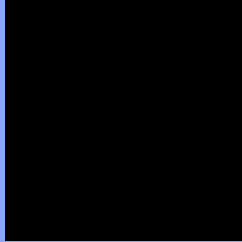
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5071, 39.3418, 97.5015

Background



This preview shows how black text looks on a background with the XYZ color 41.5071, 39.3418, 97.5015.



This preview shows how white text looks on a background with the XYZ color 41.5071, 39.3418,

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

41.5071, 39.3418, 97.5015

Protanopia

41.5071, 39.3418, 97.5015

Deuteranopia

40.5953, 39.4115, 97.5630



Tritanopia

33.0113, 39.2708, 55.1304

Trichromacy



Original Color

41.5071, 39.3418, 97.5015

Protanomaly

41.5071, 39.3418, 97.5015

Deuteranomaly

40.8798, 39.2873, 97.5241

Tritanomaly

35.7062, 39.2033, 68.6359

Monochromacy



Original Color

41.5071, 39.3418, 97.5015

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.5396, 38.4176, 58.8629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5071, 39.3418, 97.5015 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(138, 165, 252)` looks like.

```
.text, #text, p{  
    color:rgb(138, 165, 252)  
}
```

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(138, 165, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 165, 252) }
```

Border

The CSS property to change the border of an element to XYZ 41.5071, 39.3418, 97.5015 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(138, 165, 252) }
```


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

```
.border{ border-color:rgb(138, 165, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 165, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 165, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 165, 252);  
box-shadow:4px 4px 4px 4px rgb(138, 165,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5071, 39.3418, 97.5015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 165, 252) }
```

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

```
.background{ background-color: rgb(138,  
165, 252) }
```

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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