

Converting Colors

XYZ(42.0965, 39.4257, 99.9987)

Have a look what the booklet for
XYZ(42.0965, 39.4257, 99.9987)
contains.

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Color

**XYZ(41.9729, 39.2599,
99.9734)**

Conversions

Conversions Part 1

Format	Color
Hex	8BA4FF
RGB	139, 164, 255
RGB Percent	55%, 64%, 100%
CMY	0.4549, 0.3569, 0.0000
CMYK	0.45, 0.36, 0.00, 0.00
HSL	227°, 100%, 77%
HSV	227°, 45%, 100%
XYZ	41.9729, 39.2599, 99.9734
YIQ	166.8990, -44.1110, 23.0010

Conversions

Conversions Part 2

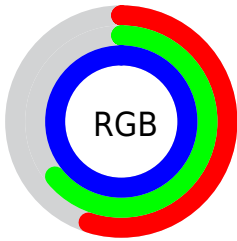
Format	Color
R _Y B	139, 160, 255
Decimal	9151743
CIE Lab	68.94, 14.64, -47.94
CIE LCh	69, 50.127, 286.980
Yxy	39.2599, 0.2316, 0.2167
Android (android.graphics.Color)	4287341823 (0xFF8BA4FF)
YUV	166.8990, 43.4338, -24.4674
Hunter-Lab	62.6577, 9.9218, -50.7396

Details

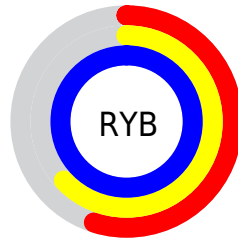
The XYZ color **41.9729, 39.2599, 99.9734** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **74.1981, 79.7192, 35.9047**, and the grayscale version is **36.4934, 38.3939, 41.8110**.

A 20% lighter version of the original color is **66.4075, 69.7534, 104.5714**, and **19.4915, 17.6368, 55.8030** is the 20% darker color. If you saturate the color by 10%, you get **34.8982, 30.7102, 98.6961**, and if you desaturate by 10%, it is **50.6063, 49.4503, 101.4854**.

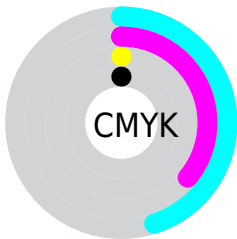
Distribution



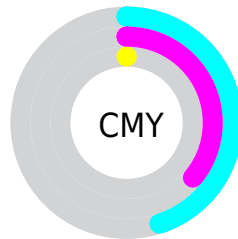
- Red (55%)
- Green (64%)
- Blue (100%)



- Red (55%)
- Yellow (63%)
- Blue (100%)



- Cyan (45%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9729, 39.2599, 99.9734 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 41.9729, 39.2599, 99.9734 by changing the saturation by 10% instead.

■ 41.9729, 39.2599,
99.9734

■ 41.9729, 39.2599,
99.9734

345.3641,
342.9942, 581.3533

■ 29.2711, 26.9620,
75.6616

■ 77.4240, 74.0352,
163.1722

■ 19.4313, 17.5447,
55.6500

■ 100.9041, 97.2813,
202.8962

■ 12.0882, 10.6236,
39.5203

128.7075,
124.9457, 248.5947

■ 6.8764, 5.8143,
26.8538

161.1998,
157.4126, 300.6862

■ 3.4306, 2.7325,
17.2320

198.7463,
195.0666, 359.5893

■ 1.3853, 0.9937,
10.2363

241.7122,

■ 0.2457, 0.0000,

238.2919, 425.7225

5.4483

290.4631,
287.4730, 499.5043

■ 0.0000, 0.0000,
2.4493

■ 0.0000, 0.0000,
0.8131

■ 41.9729, 39.2599,
99.9734

■ 41.9729, 39.2599,
99.9734

■ 34.8982, 30.7102,
98.6961

■ 50.6063, 49.4503,
101.4854

■ 29.2818, 23.7086,
97.6406

■ 60.8821, 61.3591,
103.2424

■ 25.0176, 18.1589,
96.7942

■ 72.8829, 75.0638,
105.2552

■ 21.9822, 13.9516,
96.1421

■ 86.6844, 90.6357,
107.5334

■ 20.0270, 10.9591,
95.6675

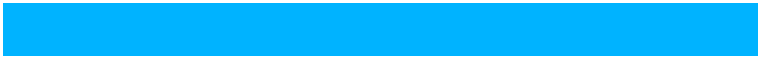
95.0500, 100.0000,
108.9000

■ 19.4140, 9.9480,
95.5047

Harmonies

Analogous

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



33.9677, 39.2599, 101.3631



41.9729, 39.2599, 99.9734



49.6806, 39.2599, 80.2337

Triad

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



41.9729, 39.2599, 99.9734



48.7796, 39.2599, 18.0157



24.2856, 39.2599, 33.6011

Complementary

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



41.9729, 39.2599, 99.9734



74.1981, 79.7192, 35.9047

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.



27.1937, 39.2599, 19.2485



41.9729, 39.2599, 99.9734



40.8760, 39.2599, 12.6569

Square

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



41.9729, 39.2599, 99.9734



53.9778, 39.2599, 31.1667



33.0158, 39.2599, 13.0089



24.4921, 39.2599, 56.8910

Rectangle

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



41.9729, 39.2599, 99.9734



53.2744, 39.2599, 62.3131



33.0158, 39.2599, 13.0089



24.9116, 39.2599, 27.7769

Sweetspot

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



41.9742, 39.2613, 99.9736



74.8211, 77.2613, 105.5772



60.6727, 82.7151, 87.5334



15.4161, 15.8581, 22.4983



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.



41.9742, 39.2613, 99.9736



35.2089, 31.0910, 98.7532



44.2681, 34.4427, 98.9227



17.3203, 18.0122, 22.8138



10.2319, 5.3734, 49.9325



1.0719, 0.6744, 4.8870

Inverse Universe

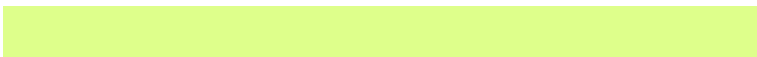
The Inverse Universe completely reimagines the original color for something new.



57.1744, 42.4071, 40.2952



52.4511, 35.5081, 30.8671



70.5861, 88.9351, 37.8739



18.1696, 18.0511, 19.5100



21.9528, 11.2704, 3.1360



2.1756, 1.1126, 0.5063

Previews

White Background



This preview shows how the XYZ color 41.9729, 39.2599, 99.9734 looks on a white background.

Color Contrast Check

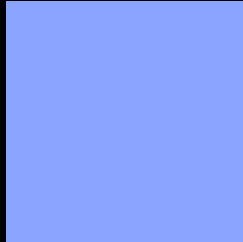
Large Text (above 18pt) WCAG AA × Fail

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 41.9729, 39.2599, 99.9734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

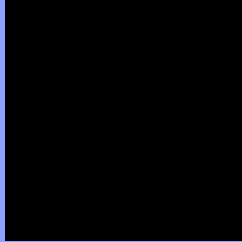
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9729, 39.2599, 99.9734

Background



This preview shows how black text looks on a background with the XYZ color 41.9729, 39.2599, 99.9734.



This preview shows how white text looks on a background with the XYZ color 41.9729, 39.2599,

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

41.9729, 39.2599, 99.9734

Protanopia

41.6585, 39.3645, 100.0102

Deuteranopia

40.3123, 39.2288, 99.2132



Tritanopia

33.0113, 39.2708, 55.1304

Trichromacy



Original Color

41.9729, 39.2599, 99.9734

Protanomaly

41.8217, 39.4486, 100.0178

Deuteranomaly

40.8857, 39.2535, 99.1877

Tritanomaly

35.7922, 38.9493, 69.2498

Monochromacy



Original Color

41.9729, 39.2599, 99.9734

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.8496, 38.5641, 59.4815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9729, 39.2599, 99.9734 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(139, 164, 255)` looks like.

```
.text, #text, p{  
    color:rgb(139, 164, 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(139, 164, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 164, 255) }
```

Border

The CSS property to change the border of an element to XYZ 41.9729, 39.2599, 99.9734 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(139, 164, 255) }
```


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

```
.border{ border-color:rgb(139, 164, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 164, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 164, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 164, 255);  
box-shadow:4px 4px 4px 4px rgb(139, 164,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9729, 39.2599, 99.9734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 164, 255) }
```

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

```
.background{ background-color: rgb(139,  
164, 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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