

Converting Colors

XYZ(39.7482, 43.9059, 98.4752)

Have a look what the booklet for
XYZ(39.7482, 43.9059, 98.4752)
contains.

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Color

**XYZ(39.7482, 43.9059,
98.4752)**

Conversions

Conversions Part 1

Format	Color
Hex	62B8FC
RGB	98, 184, 252
RGB Percent	38%, 72%, 99%
CMY	0.6157, 0.2784, 0.0118
CMYK	0.61, 0.27, 0.00, 0.01
HSL	206°, 96%, 69%
HSV	206°, 61%, 99%
XYZ	39.7482, 43.9059, 98.4752
YIQ	166.0380, -73.0840, 2.9160

Conversions

Conversions Part 2

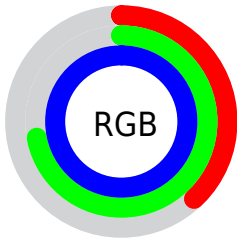
Format	Color
R _Y B	98, 153, 252
Decimal	6469884
CIE Lab	72.17, -6.12, -41.40
CIE LCh	72, 41.853, 261.595
Yxy	43.9059, 0.2182, 0.2411
Android (android.graphics.Color)	4284659964 (0xFF62B8FC)
YUV	166.0380, 42.3793, -59.6693
Hunter-Lab	66.2615, -8.8812, -41.7313

Details

The XYZ color **39.7482, 43.9059, 98.4752** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **55.9878, 48.8528, 18.0361**, and the grayscale version is **36.0926, 37.9722, 41.3517**.

A 20% lighter version of the original color is **63.7073, 77.0138, 106.1152**, and **18.0668, 20.2244, 54.5812** is the 20% darker color. If you saturate the color by 10%, you get **35.2236, 38.2764, 97.6280**, and if you desaturate by 10%, it is **45.3134, 50.3432, 99.4253**.

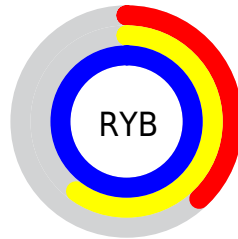
Distribution



Red (38%)

Green (72%)

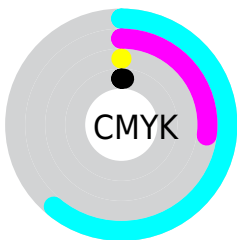
Blue (99%)



Red (38%)

Yellow (60%)

Blue (99%)

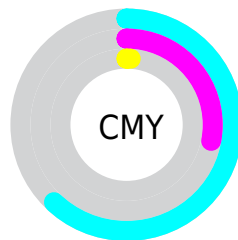


Cyan (61%)

Magenta (27%)

Yellow (0%)

Black (1%)



Cyan (62%)

Magenta (28%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7482, 43.9059, 98.4752 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 39.7482, 43.9059, 98.4752 by changing the saturation by 10% instead.

■ 39.7482, 43.9059,
98.4752

■ 39.7482, 43.9059,
98.4752

336.2138,
362.3241, 576.4977

■ 27.5256, 30.5965,
74.4180

■ 74.0667, 81.0761,
161.0937

■ 18.1070, 20.2918,
54.6373

■ 96.8933, 105.7058,
200.4921

■ 11.1270, 12.6073,
38.7148

■ 123.9854,
134.8777, 245.8413

■ 6.2202, 7.1587,
26.2318

■ 155.7081,
168.9761, 297.5597

■ 3.0214, 3.5616,
16.7698

192.4270,
208.3856, 356.0661

■ 1.1651, 1.4315,
9.9103

234.5073,

■ 0.0785, 0.2397,

253.4905, 421.7788

5.2347

282.3145,
304.6752, 495.1165

■ 0.0000, 0.0000,
2.3245

■ 0.0000, 0.0000,
0.7449

■ 39.7482, 43.9059,
98.4752

■ 39.7482, 43.9059,
98.4752

■ 35.2236, 38.2764,
97.6280

■ 45.3134, 50.3432,
99.4253

■ 31.6472, 33.3989,
96.8750

■ 51.9911, 57.6292,
100.4797

■ 28.9163, 29.2145,
96.2112

■ 59.8517, 65.8067,
101.6438

■ 27.0552, 25.9969,
95.6883

■ 68.9581, 74.9138,
102.9217

■ 79.3686, 84.9859,
104.3171

■ 91.1372, 96.0562,
105.8336

■ 94.5709, 99.8083,
106.3769

Harmonies

Analogous

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



33.7387, 43.9059, 85.9067



39.7482, 43.9059, 98.4752



47.0143, 43.9059, 94.7232

Triad

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



39.7482, 43.9059, 98.4752



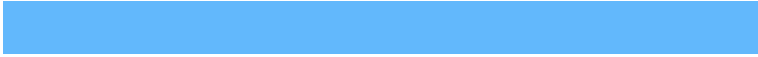
55.9089, 43.9059, 34.6958



31.8322, 43.9059, 27.2324

Complementary

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



39.7482, 43.9059, 98.4752



55.9878, 48.8528, 18.0361

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.



36.8596, 43.9059, 19.6877



39.7482, 43.9059, 98.4752



50.8958, 43.9059, 23.0584

Square

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



39.7482, 43.9059, 98.4752



56.9110, 43.9059, 53.8131



43.7792, 43.9059, 18.4166



29.5235, 43.9059, 42.2635

Rectangle

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



39.7482, 43.9059, 98.4752



51.5700, 43.9059, 83.8348



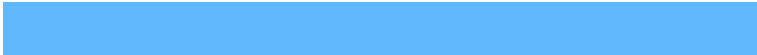
43.7792, 43.9059, 18.4166



33.2309, 43.9059, 23.9385

Sweetspot

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



39.7498, 43.9074, 98.4763



74.0044, 80.0531, 106.1591



46.6164, 74.9257, 47.4779



15.2021, 16.5109, 22.6356



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.



39.7498, 43.9074, 98.4763



35.3991, 38.2908, 100.1329



28.0004, 20.4087, 94.5598



17.0870, 18.2509, 22.0075



14.2427, 13.8409, 49.8944



1.4248, 1.4932, 4.6563

Inverse Universe

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



53.1657, 32.8934, 48.8956



50.8825, 28.5073, 42.2551



74.0236, 84.9242, 24.0480



17.6505, 17.3875, 20.0151



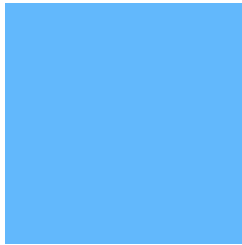
23.4811, 11.8081, 14.5076



2.2281, 1.1150, 1.6245

Previews

White Background



This preview shows how the XYZ color 39.7482, 43.9059, 98.4752 looks on a white background.

Color Contrast Check

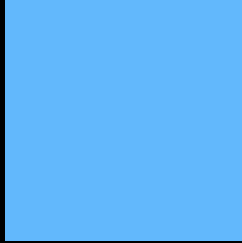
Large Text (above 18pt) WCAG AA × Fail

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 39.7482, 43.9059, 98.4752 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

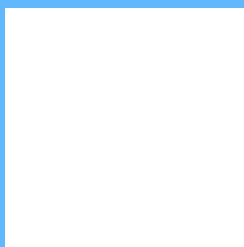
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.7482, 43.9059, 98.4752

Background



This preview shows how black text looks on a background with the XYZ color 39.7482, 43.9059, 98.4752.



This preview shows how white text looks on a background with the XYZ color 39.7482, 43.9059,

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

39.7482, 43.9059, 98.4752

Protanopia

44.7903, 43.3874, 91.6018

Deuteranopia

44.7025, 43.4476, 99.7961



Tritanopia

33.2954, 43.8311, 66.3799

Trichromacy



Original Color

39.7482, 43.9059, 98.4752

Protanomaly

42.3422, 43.2280, 94.1079

Deuteranomaly

42.5521, 43.5218, 99.0863

Tritanomaly

35.3985, 43.7083, 77.0919

Monochromacy



Original Color

39.7482, 43.9059, 98.4752

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.0061, 39.5811, 58.5655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7482, 43.9059, 98.4752 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(98, 184, 252)` looks like.

```
.text, #text, p{  
    color:rgb(98, 184, 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(98, 184, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 184, 252) }
```

Border

The CSS property to change the border of an element to XYZ 39.7482, 43.9059, 98.4752 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(98, 184, 252) }
```


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

```
.border{ border-color:rgb(98, 184, 252) }
```

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

Here you see how a box with a 4 pixel rgb(98, 184, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 184, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 184, 252);  
box-shadow:4px 4px 4px 4px rgb(98, 184,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7482, 43.9059, 98.4752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 184, 252) }
```

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

```
.background{ background-color: rgb(98, 184,  
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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