

Converting Colors

XYZ(39.9169, 38.5277, 97.4007)

Have a look what the booklet for
XYZ(39.9169, 38.5277, 97.4007)
contains.

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Color

**XYZ(39.9279, 38.5277,
97.4276)**

Conversions

Conversions Part 1

Format	Color
Hex	80A5FC
RGB	128, 165, 252
RGB Percent	50%, 65%, 99%
CMY	0.4980, 0.3529, 0.0118
CMYK	0.49, 0.35, 0.00, 0.01
HSL	222°, 95%, 75%
HSV	222°, 49%, 99%
XYZ	39.9279, 38.5277, 97.4276
YIQ	163.8550, -49.9790, 19.2130

Conversions

Conversions Part 2

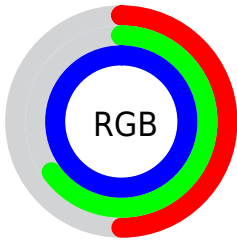
Format	Color
RYB	128, 156, 252
Decimal	8431100
CIELab	68.41, 10.64, -47.19
CIELCh	68, 48.379, 282.708
Yxy	38.5277, 0.2270, 0.2191
Android (android.graphics.Color)	4286621180 (0xFF80A5FC)
YUV	163.8550, 43.4555, -31.4448
Hunter-Lab	62.0707, 6.1991, -49.6135

Details

The XYZ color **39.9279, 38.5277, 97.4276** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **68.3434, 70.8574, 30.4988**, and the grayscale version is **35.0361, 36.8607, 40.1413**.

A 20% lighter version of the original color is **63.8929, 68.8455, 104.5287**, and **18.2515, 17.2037, 53.9884** is the 20% darker color. If you saturate the color by 10%, you get **33.6258, 30.8679, 96.2820**, and if you desaturate by 10%, it is **47.6149, 47.5572, 98.7661**.

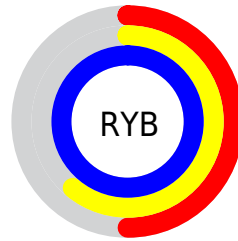
Distribution



Red (50%)

Green (65%)

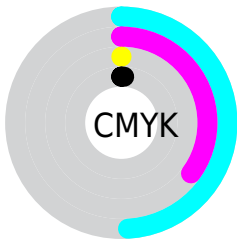
Blue (99%)



Red (50%)

Yellow (61%)

Blue (99%)

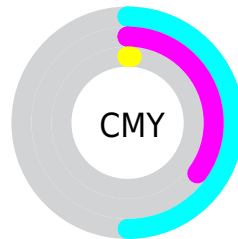


Cyan (49%)

Magenta (35%)

Yellow (0%)

Black (1%)



Cyan (50%)

Magenta (35%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9279, 38.5277, 97.4276 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 39.9279, 38.5277, 97.4276 by changing the saturation by 10% instead.

■ 39.9279, 38.5277,
97.4276

■ 39.9279, 38.5277,
97.4276

336.9592,
339.8783, 573.0895

■ 27.6663, 26.3925,
73.5491

■ 74.3387, 72.9162,
159.6385

■ 18.2134, 17.1175,
53.9305

■ 97.2187, 95.9384,
198.8080

■ 11.2039, 10.3183,
38.1533

■ 124.3688,
123.3583, 243.9116

■ 6.2725, 5.6105,
25.7990

156.1544,
155.5604, 295.3678

■ 3.0537, 2.6097,
16.4489

192.9409,
192.9290, 353.5951

■ 1.1822, 0.9316,
9.6846

235.0937,

■ 0.0923, 0.0000,

235.8486, 419.0121

5.0875

282.9780,
284.7036, 492.0374

■ 0.0000, 0.0000,
2.2390

■ 0.0000, 0.0000,
0.6968

■ 39.9279, 38.5277,
97.4276

■ 39.9279, 38.5277,
97.4276

■ 33.6258, 30.8679,
96.2820

■ 47.6149, 47.5572,
98.7661

■ 28.6153, 24.5011,
95.3172

■ 56.7630, 58.0190,
100.3033

■ 24.7976, 19.3485,
94.5238

■ 67.4481, 69.9766,
102.0481

■ 22.0557, 15.3191,
93.8906

■ 79.7390, 83.4882,
104.0083

■ 20.2217, 12.2928,
93.4031

■ 93.7004, 98.6087,
106.1910

■ 20.0998, 12.0862,
93.3697

■ 94.5708, 99.8083,
106.3767

Harmonies

Analogous

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



32.4466, 38.5277, 95.9166



39.9279, 38.5277, 97.4276



47.4481, 38.5277, 80.8138

Triad

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



39.9279, 38.5277, 97.4276



48.4368, 38.5277, 19.4911



24.3674, 38.5277, 30.7028

Complementary

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



39.9279, 38.5277, 97.4276



68.3434, 70.8574, 30.4988

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.



27.5780, 38.5277, 18.1059



39.9279, 38.5277, 97.4276



41.1355, 38.5277, 13.3419

Square

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



39.9279, 38.5277, 97.4276



52.7982, 38.5277, 33.4034



33.4990, 38.5277, 12.9424



24.1376, 38.5277, 51.8430

Rectangle

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



39.9279, 38.5277, 97.4276



51.1960, 38.5277, 64.2060



33.4990, 38.5277, 12.9424



25.1111, 38.5277, 25.5424

Sweetspot

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



39.9293, 38.5291, 97.4285



74.3792, 77.5098, 105.6484



55.9540, 79.1071, 76.4770



15.3643, 15.9773, 22.5241



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.



39.9293, 38.5291, 97.4285



34.6401, 31.8304, 98.9259



38.3908, 29.2215, 95.7131



16.7051, 17.4871, 21.8802



10.5816, 6.5189, 48.6741



1.0683, 0.7802, 4.5375

Inverse Universe

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



54.6569, 38.8522, 40.2169



51.7059, 33.4557, 32.3506



70.4496, 87.5438, 33.6086



17.4577, 17.3104, 19.0000



21.6332, 11.0690, 4.7766



2.0481, 1.0430, 0.6769

Previews

White Background



This preview shows how the XYZ color 39.9279, 38.5277, 97.4276 looks on a white background.

Color Contrast Check

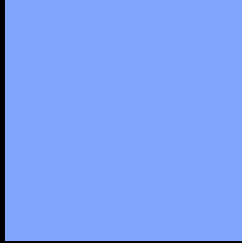
Large Text (above 18pt) WCAG AA × Fail

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 39.9279, 38.5277, 97.4276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

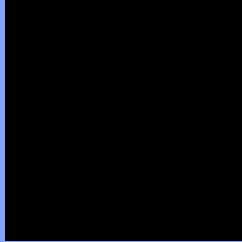
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.9279, 38.5277, 97.4276

Background



This preview shows how black text looks on a background with the XYZ color 39.9279, 38.5277, 97.4276.



This preview shows how white text looks on a background with the XYZ color 39.9279, 38.5277,

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

39.9279, 38.5277, 97.4276

Protanopia

40.6631, 38.3937, 96.5343

Deuteranopia

39.6644, 38.6607, 97.4672



Tritanopia

31.4328, 38.4571, 55.0565

Trichromacy



Original Color

39.9279, 38.5277, 97.4276

Protanomaly

40.3609, 38.5025, 96.5713

Deuteranomaly

39.8111, 38.7363, 97.4741

Tritanomaly

34.1563, 38.4042, 68.5633

Monochromacy



Original Color

39.9279, 38.5277, 97.4276

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.0018, 37.1158, 57.4911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9279, 38.5277, 97.4276 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(128, 165, 252)` looks like.

```
.text, #text, p{  
    color:rgb(128, 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(128, 165, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 165, 252) }
```

Border

The CSS property to change the border of an element to XYZ 39.9279, 38.5277, 97.4276 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(128, 165, 252) }
```


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

```
.border{ border-color:rgb(128, 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(128, 165, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 165, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 165, 252);  
box-shadow:4px 4px 4px 4px rgb(128, 165,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9279, 38.5277, 97.4276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 165, 252) }
```

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

```
.background{ background-color: rgb(128,  
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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