

Converting Colors

XYZ(39.1059, 36.1101, 96.9906)

Have a look what the booklet for
XYZ(39.1059, 36.1101, 96.9906)
contains.

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Color

**XYZ(38.9877, 35.9675,
96.9830)**

Conversions

Conversions Part 1

Format	Color
Hex	839DFC
RGB	131, 157, 252
RGB Percent	51%, 62%, 99%
CMY	0.4863, 0.3843, 0.0118
CMYK	0.48, 0.38, 0.00, 0.01
HSL	227°, 95%, 75%
HSV	227°, 48%, 99%
XYZ	38.9877, 35.9675, 96.9830
YIQ	160.0560, -45.9910, 24.0330

Conversions

Conversions Part 2

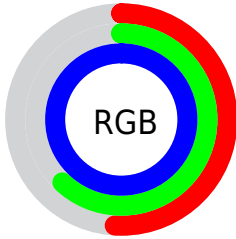
Format	Color
RYB	131, 152, 252
Decimal	8625660
CIELab	66.50, 15.92, -50.20
CIElCh	66, 52.663, 287.600
Yxy	35.9675, 0.2268, 0.2092
Android (android.graphics.Color)	4286815740 (0xFF839DFC)
YUV	160.0560, 45.3284, -25.4821
Hunter-Lab	59.9729, 11.0882, -53.8976

Details

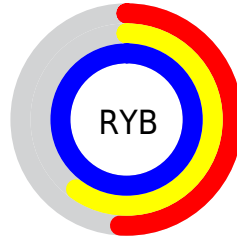
The XYZ color **38.9877, 35.9675, 96.9830** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **71.4397, 76.7292, 32.5196**, and the grayscale version is **33.2535, 34.9853, 38.0990**.

A 20% lighter version of the original color is **62.3305, 64.6273, 103.7969**, and **17.6768, 15.6259, 53.7142** is the 20% darker color. If you saturate the color by 10%, you get **32.4680, 28.0336, 95.7959**, and if you desaturate by 10%, it is **47.0012, 45.4773, 98.3969**.

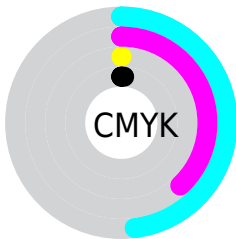
Distribution



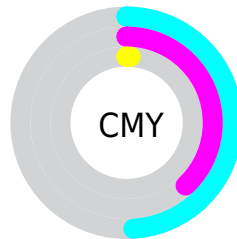
- Red (51%)
- Green (62%)
- Blue (99%)



- Red (51%)
- Yellow (60%)
- Blue (99%)



- Cyan (48%)
- Magenta (38%)
- Yellow (0%)
- Black (1%)



- Cyan (49%)
- Magenta (38%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9877, 35.9675, 96.9830 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 38.9877, 35.9675, 96.9830 by changing the saturation by 10% instead.

■ 38.9877, 35.9675,
96.9830

■ 38.9877, 35.9675,
96.9830

333.0463,
328.8185, 571.6397

■ 26.9308, 24.4091,
73.1805

■ 72.9137, 68.9819,
159.0204

■ 17.6576, 15.6374,
53.6309

■ 95.5136, 91.2067,
198.0925

■ 10.8026, 9.2679,
37.9155

■ 122.3585,
117.7557, 243.0915

■ 6.0006, 4.9163,
25.6158

153.8138,
149.0134, 294.4360

■ 2.8861, 2.1983,
16.3132

190.2449,
185.3641, 352.5445

■ 1.0938, 0.7190,
9.5893

232.0171,

■ 0.0199, 0.0000,

227.1923, 417.8357

5.0255

279.4958,
274.8823, 490.7279

■ 0.0000, 0.0000,
2.2032

■ 0.0000, 0.0000,
0.6762

■ 38.9877, 35.9675,
96.9830

■ 38.9877, 35.9675,
96.9830

■ 32.4680, 28.0336,
95.7959

■ 47.0012, 45.4773,
98.3969

■ 27.3421, 21.5835,
94.8211

■ 56.5916, 56.6403,
100.0461

■ 23.5032, 16.5212,
94.0463

■ 67.8409, 69.5329,
101.9418

■ 20.8267, 12.7363,
93.4568

■ 80.8236, 84.2259,
104.0935

■ 19.1503, 10.0942,
93.0352

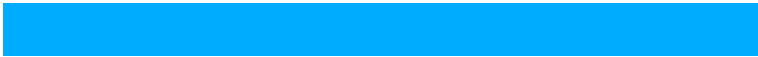
94.5708, 99.8083,
106.3767

■ 18.8967, 9.6802,
92.9687

Harmonies

Analogous

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



31.0271, 35.9675, 98.8651



38.9877, 35.9675, 96.9830



46.6743, 35.9675, 76.4280

Triad

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



38.9877, 35.9675, 96.9830



45.4850, 35.9675, 15.0215



21.3934, 35.9675, 30.5446

Complementary

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



38.9877, 35.9675, 96.9830



71.4397, 76.7292, 32.5196

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.



24.1513, 35.9675, 16.5437



38.9877, 35.9675, 96.9830



37.5524, 35.9675, 10.1882

Square

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



38.9877, 35.9675, 96.9830



50.8044, 35.9675, 27.4265



29.7957, 35.9675, 10.6102



21.6555, 35.9675, 53.8439

Rectangle

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



38.9877, 35.9675, 96.9830



50.2400, 35.9675, 58.1880



29.7957, 35.9675, 10.6102



21.9779, 35.9675, 24.8147

Sweetspot

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



38.9891, 35.9688, 96.9839



74.8148, 77.2487, 105.5751



57.8696, 79.9263, 84.1743



15.4146, 15.8550, 22.4978



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.



38.9891, 35.9688, 96.9839



33.3404, 28.7818, 98.4060



41.2647, 31.2925, 95.9613



16.5853, 17.2474, 21.8402



9.9300, 5.2156, 48.4569



0.9935, 0.6308, 4.5126

Inverse Universe

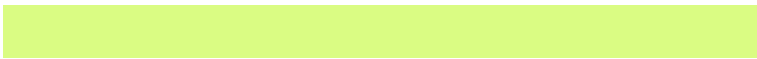
The Inverse Universe completely reimagines the original color for something new.



54.3482, 39.3640, 36.6329



51.1594, 33.6568, 28.1793



67.7372, 86.1223, 34.5277



17.3972, 17.2862, 18.6815



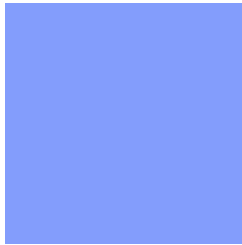
21.3042, 10.9374, 3.0446



2.0104, 1.0279, 0.4783

Previews

White Background



This preview shows how the XYZ color 38.9877, 35.9675, 96.9830 looks on a white background.

Color Contrast Check

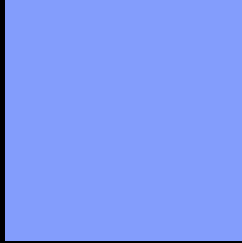
Large Text (above 18pt) WCAG AA × Fail

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 38.9877, 35.9675, 96.9830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

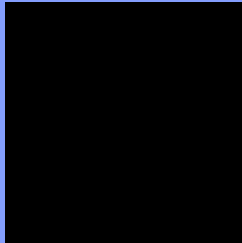
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9877, 35.9675, 96.9830

Background



This preview shows how black text looks on a background with the XYZ color 38.9877, 35.9675, 96.9830.



This preview shows how white text looks on a background with the XYZ color 38.9877, 35.9675,

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

38.9877, 35.9675, 96.9830

Protanopia

38.5607, 35.9812, 97.8412

Deuteranopia

37.0969, 36.0322, 96.2665



Tritanopia

29.8754, 36.0081, 51.2746

Trichromacy



Original Color

38.9877, 35.9675, 96.9830

Protanomaly

38.8586, 36.1348, 97.8551

Deuteranomaly

37.7291, 36.0997, 96.2462

Tritanomaly

32.6161, 35.7274, 65.4986

Monochromacy



Original Color

38.9877, 35.9675, 96.9830

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.4182, 35.0361, 55.4007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9877, 35.9675, 96.9830 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(131, 157, 252)` looks like.

```
.text, #text, p{  
    color:rgb(131, 157, 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(131, 157, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 157, 252) }
```

Border

The CSS property to change the border of an element to XYZ 38.9877, 35.9675, 96.9830 is called "border". The border property can be set on classes, ids or directly on the HTML element.

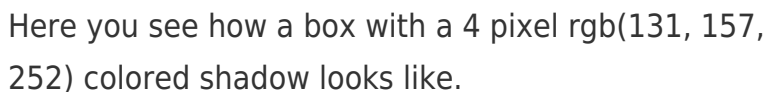
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(131, 157, 252) }
```


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

```
.border{ border-color:rgb(131, 157, 252) }
```

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



Here you see how a box with a 4 pixel `rgb(131, 157, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 157, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 157, 252);  
box-shadow:4px 4px 4px 4px rgb(131, 157,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9877, 35.9675, 96.9830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 157, 252) }
```

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

```
.background{ background-color: rgb(131,  
157, 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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