

Converting Colors

XYZ(38.9982, 37.6826, 77.8911)

Have a look what the booklet for
XYZ(38.9982, 37.6826, 77.8911)
contains.

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Color

**XYZ(38.9982, 37.6826,
77.8911)**

Conversions

Conversions Part 1

Format	Color
Hex	94A2E3
RGB	148, 162, 227
RGB Percent	58%, 64%, 89%
CMY	0.4196, 0.3647, 0.1098
CMYK	0.35, 0.29, 0.00, 0.11
HSL	229°, 59%, 74%
HSV	229°, 35%, 89%
XYZ	38.9982, 37.6826, 77.8911
YIQ	165.2240, -29.2090, 17.2470

Conversions

Conversions Part 2

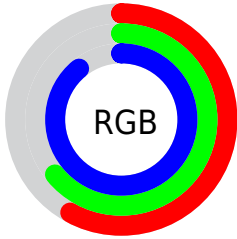
Format	Color
R _Y B	148, 160, 227
Decimal	9741027
CIE Lab	67.79, 10.39, -34.41
CIE LCh	68, 35.947, 286.805
Yxy	37.6826, 0.2523, 0.2438
Android (android.graphics.Color)	4287931107 (0xFF94A2E3)
YUV	165.2240, 30.4556, -15.1054
Hunter-Lab	61.3862, 5.9740, -32.2610

Details

The XYZ color **38.9982, 37.6826, 77.8911** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **60.8191, 66.0585, 37.5635**, and the grayscale version is **35.7411, 37.6025, 40.9491**.

A 20% lighter version of the original color is **67.7647, 69.6831, 104.4863**, and **17.6512, 16.6888, 40.8190** is the 20% darker color. If you saturate the color by 10%, you get **32.2385, 29.6718, 76.7018**, and if you desaturate by 10%, it is **47.0543, 47.0887, 79.2827**.

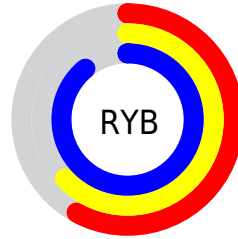
Distribution



Red (58%)

Green (64%)

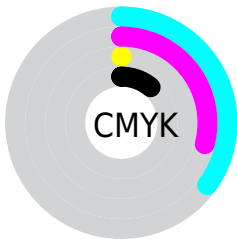
Blue (89%)



Red (58%)

Yellow (63%)

Blue (89%)

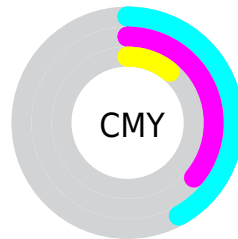


Cyan (35%)

Magenta (29%)

Yellow (0%)

Black (11%)



Cyan (42%)

Magenta (36%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9982, 37.6826, 77.8911 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 38.9982, 37.6826, 77.8911 by changing the saturation by 10% instead.

■ 38.9982, 37.6826,
77.8911

■ 38.9982, 37.6826,
77.8911

333.0901,
336.2564, 507.3150

■ 26.9390, 25.7364,
57.4686

■ 72.9297, 71.6214,
132.1811

■ 17.6638, 16.6266,
40.9697

■ 95.5327, 94.3828,
166.8856

■ 10.8071, 9.9686,
27.9759

122.3810,
121.5181, 207.1880

■ 6.0036, 5.3781,
18.0686

153.8400,
153.4116, 253.5066

■ 2.8880, 2.4708,
10.8293

190.2751,
190.4479, 306.2601

■ 1.0948, 0.8620,
5.8394

232.0516,

■ 0.0208, 0.0000,

233.0111, 365.8669

2.6805

279.5348,
281.4859, 432.7458

■ 0.0000, 0.0000,
0.9336

■ 0.0000, 0.0000,
0.0000

■ 38.9982, 37.6826,
77.8911

■ 38.9982, 37.6826,
77.8911

■ 32.2385, 29.6718,
76.7018

■ 47.0543, 47.0887,
79.2827

■ 26.7026, 22.9846,
75.7028

■ 56.4665, 57.9483,
80.8828

■ 22.3164, 17.5495,
74.8849

■ 67.2953, 70.3218,
82.7004

■ 18.9962, 13.2860,
74.2370

■ 79.5966, 84.2646,
84.7432

■ 16.6463, 10.1040,
73.7466

■ 90.8653, 98.3261,
86.8635

■ 15.1521, 7.8989,
73.3998

■ 14.6318, 7.0791,
73.2690

Harmonies

Analogous

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



33.4300, 37.6826, 78.6595



38.9982, 37.6826, 77.8911



44.1927, 37.6826, 65.7691

Triad

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



38.9982, 37.6826, 77.8911



43.6468, 37.6826, 22.5058



26.3800, 37.6826, 34.4280

Complementary

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



38.9982, 37.6826, 77.8911



60.8191, 66.0585, 37.5635

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.



28.5712, 37.6826, 23.4327



38.9982, 37.6826, 77.8911



38.3133, 37.6826, 17.8501

Square

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



38.9982, 37.6826, 77.8911



47.0610, 37.6826, 32.7960



32.8121, 37.6826, 18.1385



26.5225, 37.6826, 50.5381

Rectangle

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



38.9982, 37.6826, 77.8911



46.5736, 37.6826, 54.3146



32.8121, 37.6826, 18.1385



26.8576, 37.6826, 30.1099

Sweetspot

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



38.9995, 37.6840, 77.8920



79.9511, 82.8168, 106.3791



51.6319, 66.0146, 72.6514



16.6916, 17.2445, 22.6987



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.



38.9995, 37.6840, 77.8920



44.0413, 41.0999, 100.2196



41.6936, 35.6135, 77.3503



13.7883, 14.2980, 18.1774



8.5929, 4.2478, 42.7502



0.6956, 0.4352, 3.1793

Inverse Universe

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



48.7912, 40.1207, 39.3563



58.7782, 45.1940, 42.1263



57.1680, 69.6314, 38.4456



14.4807, 14.4095, 15.4660



18.7308, 9.6265, 2.2114



1.4148, 0.7236, 0.3246

Previews

White Background



This preview shows how the XYZ color 38.9982, 37.6826, 77.8911 looks on a white background.

Color Contrast Check

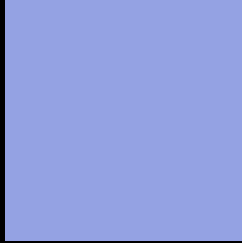
Large Text (above 18pt) WCAG AA × Fail

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 38.9982, 37.6826, 77.8911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

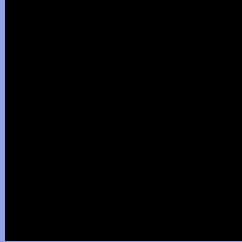
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9982, 37.6826, 77.8911

Background



This preview shows how black text looks on a background with the XYZ color 38.9982, 37.6826, 77.8911.



This preview shows how white text looks on a background with the XYZ color 38.9982, 37.6826,

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

38.9982, 37.6826, 77.8911

Protanopia

38.8164, 37.8514, 77.9333

Deuteranopia

38.6394, 37.7602, 77.9250



Tritanopia

33.5077, 37.6134, 50.8415

Trichromacy



Original Color

38.9982, 37.6826, 77.8911

Protanomaly

38.9949, 37.9435, 77.9416

Deuteranomaly

38.8164, 37.8514, 77.9333

Tritanomaly

35.3994, 37.5583, 60.0273

Monochromacy



Original Color

38.9982, 37.6826, 77.8911

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.6506, 37.5527, 52.8936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9982, 37.6826, 77.8911 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(148, 162, 227)` looks like.

```
.text, #text, p{  
    color:rgb(148, 162, 227)  
}
```

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(148, 162, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 162, 227) }
```

Border

The CSS property to change the border of an element to XYZ 38.9982, 37.6826, 77.8911 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(148, 162, 227) }
```


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

```
.border{ border-color:rgb(148, 162, 227) }
```

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

Here you see how a box with a 4 pixel rgb(148, 162, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 162, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 162, 227);  
box-shadow:4px 4px 4px 4px rgb(148, 162,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9982, 37.6826, 77.8911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 162, 227) }
```

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

```
.background{ background-color: rgb(148,  
162, 227) }
```

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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