

Converting Colors

XYZ(39.2157, 38.3378, 77.2846)

Have a look what the booklet for
XYZ(39.2157, 38.3378, 77.2846)
contains.

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Color

**XYZ(39.2157, 38.3378,
77.2846)**

Conversions

Conversions Part 1

Format	Color
Hex	94A4E2
RGB	148, 164, 226
RGB Percent	58%, 64%, 89%
CMY	0.4196, 0.3569, 0.1137
CMYK	0.35, 0.27, 0.00, 0.11
HSL	228°, 57%, 73%
HSV	228°, 35%, 89%
XYZ	39.2157, 38.3378, 77.2846
YIQ	166.2840, -29.4380, 15.8900

Conversions

Conversions Part 2

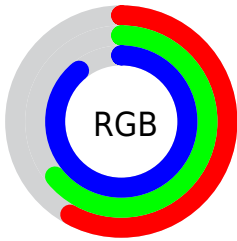
Format	Color
R_{YB}	148, 161, 226
Decimal	9741538
CIE _{Lab}	68.27, 9.00, -33.11
CIE _{LCh}	68, 34.316, 285.207
Yxy	38.3378, 0.2533, 0.2476
Android (android.graphics.Color)	4287931618 (0xFF94A4E2)
YUV	166.2840, 29.4400, -16.0351
Hunter-Lab	61.9175, 4.6980, -30.6627

Details

The XYZ color **39.2157, 38.3378, 77.2846** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **59.7569, 64.4012, 37.2996**, and the grayscale version is **36.2561, 38.1443, 41.5391**.

A 20% lighter version of the original color is **68.2834, 70.7204, 104.6592**, and **17.6660, 16.8703, 40.3554** is the 20% darker color. If you saturate the color by 10%, you get **32.5290, 30.4512, 76.1154**, and if you desaturate by 10%, it is **47.1572, 47.5470, 78.6443**.

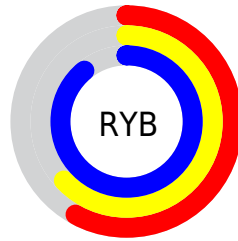
Distribution



Red (58%)

Green (64%)

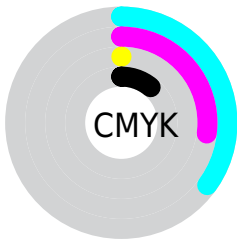
Blue (89%)



Red (58%)

Yellow (63%)

Blue (89%)

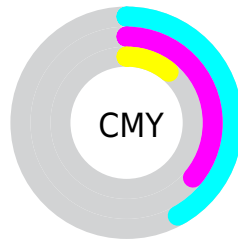


Cyan (35%)

Magenta (27%)

Yellow (0%)

Black (11%)



Cyan (42%)

Magenta (36%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2157, 38.3378, 77.2846 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 39.2157, 38.3378, 77.2846 by changing the saturation by 10% instead.

■ 39.2157, 38.3378,
77.2846

■ 39.2157, 38.3378,
77.2846

333.9981,
339.0668, 505.1972

■ 27.1090, 26.2450,
56.9735

■ 73.2597, 72.6256,
131.3178

■ 17.7921, 17.0070,
40.5748

■ 95.9277, 95.5894,
165.8771

■ 10.8996, 10.2395,
27.6698

122.8469,
122.9456, 206.0228

■ 6.0662, 5.5580,
17.8400

154.3827,
155.0786, 252.1735

■ 2.9264, 2.5782,
10.6669

190.9003,
192.3728, 304.7477

■ 1.1150, 0.9157,
5.7320

232.7652,

■ 0.0376, 0.0000,

235.2127, 364.1641

2.6167

280.3427,
283.9826, 430.8411

■ 0.0000, 0.0000,
0.9010

■ 0.0000, 0.0000,
0.0000

■ 39.2157, 38.3378,
77.2846

■ 39.2157, 38.3378,
77.2846

■ 32.5290, 30.4512,
76.1154

■ 47.1572, 47.5470,
78.6443

■ 27.0275, 23.8208,
75.1256

■ 56.4103, 58.1321,
80.1997

■ 22.6409, 18.3811,
74.3068

■ 67.0330, 70.1488,
81.9593

■ 19.2894, 14.0584,
73.6491

■ 79.0784, 83.6484,
83.9301

■ 16.8818, 10.7703,
73.1413

■ 90.3536, 97.5231,
86.0139

■ 15.3097, 8.4216,
72.7709

■ 90.7276, 98.2710,
86.1386

■ 14.7187, 7.4732,
72.6189

Harmonies

Analogous

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



33.8652, 38.3378, 77.3682



39.2157, 38.3378, 77.2846



44.2704, 38.3378, 66.2420

Triad

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



39.2157, 38.3378, 77.2846



44.2103, 38.3378, 24.0749



27.3379, 38.3378, 34.6378

Complementary

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



39.2157, 38.3378, 77.2846



59.7569, 64.4012, 37.2996

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.



29.5902, 38.3378, 24.1799



39.2157, 38.3378, 77.2846



39.1399, 38.3378, 19.1794

Square

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



39.2157, 38.3378, 77.2846



47.3411, 38.3378, 34.4555



33.7964, 38.3378, 19.2124



27.3539, 38.3378, 49.9926

Rectangle

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



39.2157, 38.3378, 77.2846



46.6418, 38.3378, 55.4152



33.7964, 38.3378, 19.2124



27.8443, 38.3378, 30.5283

Sweetspot

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



39.2170, 38.3393, 77.2855



80.1542, 83.2230, 106.4468



50.9312, 65.2980, 70.3070



16.7404, 17.3421, 22.7150



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.



39.2170, 38.3393, 77.2855



45.4434, 43.2123, 100.5534



40.9179, 35.2295, 76.5956



13.1787, 13.6965, 17.3368



8.4652, 4.3999, 41.4515



0.6507, 0.4329, 2.8945

Inverse Universe

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



48.6559, 40.0303, 40.2856



59.6547, 46.1912, 44.7490



57.4171, 69.3550, 38.3791



13.8216, 13.7463, 14.8310



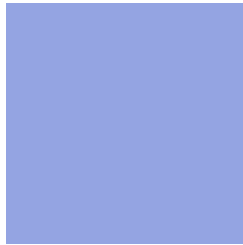
18.2130, 9.3522, 2.5217



1.2947, 0.6612, 0.3448

Previews

White Background



This preview shows how the XYZ color 39.2157, 38.3378, 77.2846 looks on a white background.

Color Contrast Check

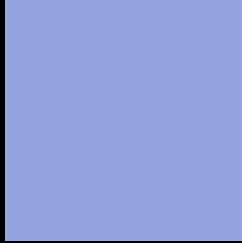
Large Text (above 18pt) WCAG AA × Fail

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 39.2157, 38.3378, 77.2846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

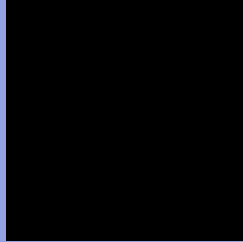
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2157, 38.3378, 77.2846

Background



This preview shows how black text looks on a background with the XYZ color 39.2157, 38.3378, 77.2846.



This preview shows how white text looks on a background with the XYZ color 39.2157, 38.3378,

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

39.2157, 38.3378, 77.2846

Protanopia

39.2157, 38.3378, 77.2846

Deuteranopia

39.2157, 38.3378, 77.2846



Tritanopia

34.1569, 38.4968, 51.5293

Trichromacy



Original Color

39.2157, 38.3378, 77.2846

Protanomaly

39.2157, 38.3378, 77.2846

Deuteranomaly

39.2157, 38.3378, 77.2846

Tritanomaly

35.7686, 38.2968, 60.1504

Monochromacy



Original Color

39.2157, 38.3378, 77.2846

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.8303, 37.9120, 52.9535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2157, 38.3378, 77.2846 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, 164, 226) looks like.

```
.text, #text, p{  
    color:rgb(148, 164, 226)  
}
```

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, 164, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 164, 226) }
```

Border

The CSS property to change the border of an element to XYZ 39.2157, 38.3378, 77.2846 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, 164, 226) }
```


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

```
.border{ border-color:rgb(148, 164, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 164, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 164, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 164, 226); box-shadow:4px 4px 4px 4px rgb(148, 164, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2157, 38.3378, 77.2846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 164, 226) }
```

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

```
.background{ background-color: rgb(148,  
164, 226) }
```

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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