

Converting Colors

XYZ(38.3669, 35.8658, 78.9922)

Have a look what the booklet for
XYZ(38.3669, 35.8658, 78.9922)
contains.

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Color

**XYZ(38.2441, 35.7300,
79.0096)**

Conversions

Conversions Part 1

Format	Color
Hex	949CE5
RGB	148, 156, 229
RGB Percent	58%, 61%, 90%
CMY	0.4196, 0.3882, 0.1020
CMYK	0.35, 0.32, 0.00, 0.10
HSL	234°, 61%, 74%
HSV	234°, 35%, 90%
XYZ	38.2441, 35.7300, 79.0096
YIQ	161.9300, -28.2010, 21.0070

Conversions

Conversions Part 2

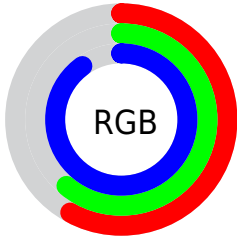
Format	Color
R_{YB}	148, 155, 229
Decimal	9739493
CIE _{Lab}	66.31, 14.33, -37.80
CIE _{LCh}	66, 40.429, 290.762
Yxy	35.7300, 0.2500, 0.2336
Android (android.graphics.Color)	4287929573 (0xFF949CE5)
YUV	161.9300, 33.0655, -12.2166
Hunter-Lab	59.7746, 9.5998, -36.5269

Details

The XYZ color **38.2441, 35.7300, 79.0096** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **63.5159, 70.5102, 38.2807**, and the grayscale version is **34.1706, 35.9501, 39.1497**.

A 20% lighter version of the original color is **65.9984, 66.1506, 103.8976**, and **17.2105, 15.5000, 41.6199** is the 20% darker color. If you saturate the color by 10%, you get **31.3305, 27.4548, 77.7774**, and if you desaturate by 10%, it is **46.5680, 45.6071, 80.4780**.

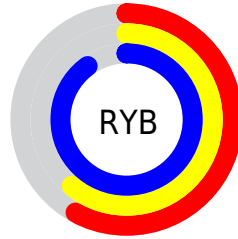
Distribution



Red (58%)

Green (61%)

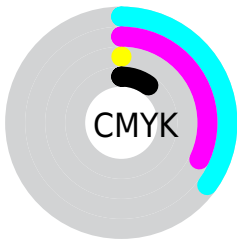
Blue (90%)



Red (58%)

Yellow (61%)

Blue (90%)

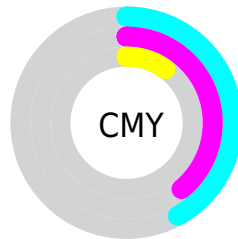


Cyan (35%)

Magenta (32%)

Yellow (0%)

Black (10%)



Cyan (42%)

Magenta (39%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2441, 35.7300, 79.0096 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 38.2441, 35.7300, 79.0096 by changing the saturation by 10% instead.

■ 38.2441, 35.7300,
79.0096

■ 38.2441, 35.7300,
79.0096

329.9287,
327.7789, 511.2073

■ 26.3503, 24.2257,
58.3823

■ 71.7836, 68.6151,
133.7712

■ 17.2199, 15.5012,
41.6994

■ 94.1600, 90.7648,
168.7425

■ 10.4877, 9.1719,
28.5422

120.7613,
117.2317, 209.3324

■ 5.7882, 4.8535,
18.4921

151.9529,
148.4003, 255.9592

■ 2.7562, 2.1615,
11.1308

188.1000,
184.6549, 309.0416

■ 1.0262, 0.6989,
6.0396

229.5681,

■ 0.0000, 0.0000,

226.3799, 368.9980

2.8000

276.7226,
273.9598, 436.2471

■ 0.0000, 0.0000,
0.9934

■ 0.0000, 0.0000,
0.0000

■ 38.2441, 35.7300,
79.0096

■ 38.2441, 35.7300,
79.0096

■ 31.3305, 27.4548,
77.7774

■ 46.5680, 45.6071,
80.4780

■ 25.7451, 20.6929,
76.7666

■ 56.3707, 57.1604,
82.1913

■ 21.4032, 15.3535,
75.9648

■ 67.7206, 70.4641,
84.1610

■ 18.2086, 11.3339,
75.3573

■ 80.6808, 85.5871,
86.3970

■ 16.0509, 8.5178,
74.9275

■ 91.1430, 98.4372,
88.3259

■ 14.7969, 6.7680,
74.6558

■ 14.4418, 6.2548,
74.5755

Harmonies

Analogous

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



32.1305, 35.7300, 81.8131



38.2441, 35.7300, 79.0096



43.7689, 35.7300, 63.9521

Triad

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



38.2441, 35.7300, 79.0096



41.8457, 35.7300, 18.4164



23.7420, 35.7300, 33.8067

Complementary

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



38.2441, 35.7300, 79.0096



63.5159, 70.5102, 38.2807

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.



25.7388, 35.7300, 21.4350



38.2441, 35.7300, 79.0096



35.8583, 35.7300, 14.4496

Square

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



38.2441, 35.7300, 79.0096



46.0134, 35.7300, 28.2680



30.0090, 35.7300, 15.3609



24.2205, 35.7300, 51.9202

Rectangle

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



38.2441, 35.7300, 79.0096



46.1428, 35.7300, 50.9194



30.0090, 35.7300, 15.3609



24.1363, 35.7300, 28.9450

Sweetspot

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



38.2454, 35.7314, 79.0104



77.9318, 79.9808, 105.9381



53.2709, 67.5505, 78.5684



16.2659, 16.6328, 22.6031



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.



38.2454, 35.7314, 79.0104



42.5530, 38.1234, 99.7235



43.6497, 36.5899, 78.8913



13.6968, 14.1149, 18.1469



8.2965, 3.6551, 42.6514



0.6522, 0.3484, 3.1648

Inverse Universe

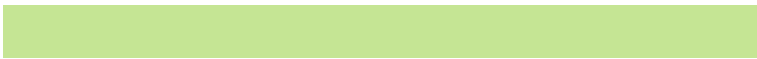
The Inverse Universe completely reimagines the original color for something new.



48.9049, 40.2395, 36.6432



58.0269, 44.8935, 38.1704



56.2870, 69.9940, 38.5621



14.4345, 14.3910, 15.2226



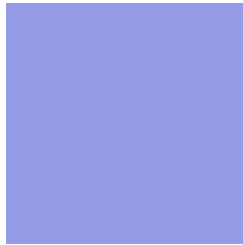
18.5812, 9.5667, 1.4237



1.3928, 0.7148, 0.2092

Previews

White Background



This preview shows how the XYZ color 38.2441, 35.7300, 79.0096 looks on a white background.

Color Contrast Check

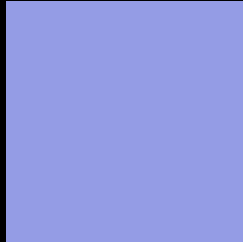
Large Text (above 18pt) WCAG AA × Fail

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 38.2441, 35.7300, 79.0096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

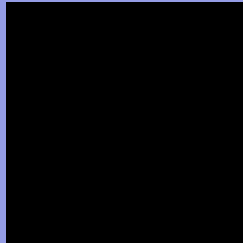
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.2441, 35.7300, 79.0096

Background



This preview shows how black text looks on a background with the XYZ color 38.2441, 35.7300, 79.0096.



This preview shows how white text looks on a background with the XYZ color 38.2441, 35.7300,

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

38.2441, 35.7300, 79.0096

Protanopia

37.3032, 35.9691, 80.5779

Deuteranopia

36.5551, 35.6320, 78.3498



Tritanopia

32.0894, 35.8455, 47.8754

Trichromacy



Original Color

38.2441, 35.7300, 79.0096

Protanomaly

37.6651, 35.9177, 79.8105

Deuteranomaly

37.0457, 35.6306, 78.3237

Tritanomaly

33.9829, 35.5346, 57.8911

Monochromacy



Original Color

38.2441, 35.7300, 79.0096

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.3384, 35.8549, 51.5125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2441, 35.7300, 79.0096 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, 156, 229)` looks like.

```
.text, #text, p{  
    color:rgb(148, 156, 229)  
}
```

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, 156, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 156, 229) }
```

Border

The CSS property to change the border of an element to XYZ 38.2441, 35.7300, 79.0096 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, 156, 229) }
```


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

```
.border{ border-color:rgb(148, 156, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 156, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 156, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 156, 229); box-shadow:4px 4px 4px 4px rgb(148, 156, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2441, 35.7300, 79.0096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 156, 229) }
```

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

```
.background{ background-color: rgb(148,  
156, 229) }
```

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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