

Converting Colors

XYZ(41.3921, 39.4681, 79.7139)

Have a look what the booklet for
XYZ(41.3921, 39.4681, 79.7139)
contains.

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Color

**XYZ(41.3229, 39.3762,
79.5511)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA4E5
RGB	157, 164, 229
RGB Percent	62%, 64%, 90%
CMY	0.3843, 0.3568, 0.1020
CMYK	0.31, 0.28, 0.00, 0.10
HSL	234°, 58%, 76%
HSV	234°, 31%, 90%
XYZ	41.3229, 39.3762, 79.5511
YIQ	169.3170, -25.0370, 18.7310

Conversions

Conversions Part 2

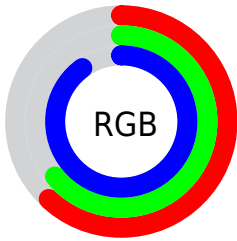
Format	Color
R _{YB}	157, 163, 229
Decimal	10331365
CIE _{Lab}	69.02, 12.30, -33.54
CIE _{LCh}	69, 35.726, 290.142
Y _{xy}	39.3762, 0.2579, 0.2457
Android (android.graphics.Color)	4288521445 (0xFF9DA4E5)
YUV	169.3170, 29.4237, -10.8020
Hunter-Lab	62.7505, 7.7339, -31.2388

Details

The XYZ color **41.3229, 39.3762, 79.5511** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **64.5208, 71.3353, 42.2680**, and the grayscale version is **37.7378, 39.7031, 43.2367**.

A 20% lighter version of the original color is **70.8221, 72.0292, 104.7780**, and **18.9305, 17.4890, 41.9131** is the 20% darker color. If you saturate the color by 10%, you get **33.8630, 30.4781, 78.2275**, and if you desaturate by 10%, it is **50.2242, 49.9117, 81.1162**.

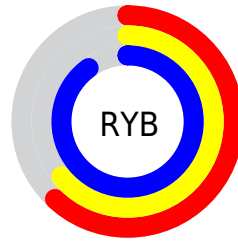
Distribution



Red (62%)

Green (64%)

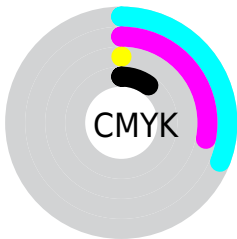
Blue (90%)



Red (62%)

Yellow (64%)

Blue (90%)

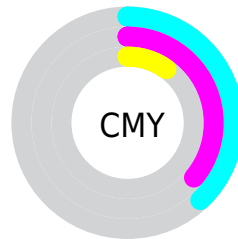


Cyan (31%)

Magenta (28%)

Yellow (0%)

Black (10%)



Cyan (38%)

Magenta (36%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3229, 39.3762, 79.5511 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 41.3229, 39.3762, 79.5511 by changing the saturation by 10% instead.

■ 41.3229, 39.3762,
79.5511

■ 41.3229, 39.3762,
79.5511

342.7079,
343.4873, 513.0855

■ 28.7603, 27.0525,
58.8250

■ 76.4454, 74.2127,
134.5401

■ 19.0429, 17.6127,
42.0532

■ 99.7361, 97.4942,
169.6401

■ 11.8055, 10.6723,
28.8171

127.3334,
125.1972, 210.3685

■ 6.6826, 5.8469,
18.6981

159.6027,
157.7060, 257.1439

■ 3.3090, 2.7522,
11.2777

196.9095,
195.4051, 310.3847

■ 1.3192, 1.0038,
6.1374

239.6191,

■ 0.1975, 0.0000,

238.6787, 370.5096

2.8587

288.0968,
287.9113, 437.9370

■ 0.0000, 0.0000,
1.0229

■ 0.0000, 0.0000,
0.0000

■ 41.3229, 39.3762,
79.5511

■ 41.3229, 39.3762,
79.5511

■ 33.8630, 30.4781,
78.2275

■ 50.2242, 49.9117,
81.1162

■ 27.7645, 23.1307,
77.1307

■ 60.6332, 62.1565,
82.9311

■ 22.9459, 17.2461,
76.2488

■ 72.6168, 76.1836,
85.0070

■ 19.3152, 12.7258,
75.5677

■ 86.2369, 92.0606,
87.3537

■ 16.7679, 9.4589,
75.0714

■ 91.1430, 98.4372,
88.3259

■ 15.1810, 7.3169,
74.7415

■ 14.4350, 6.2412,
74.5733

Harmonies

Analogous

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



35.5831, 39.3762, 81.7673



41.3229, 39.3762, 79.5511



46.4725, 39.3762, 66.2650

Triad

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



41.3229, 39.3762, 79.5511



44.8880, 39.3762, 23.0320



27.6447, 39.3762, 37.7281

Complementary

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



41.3229, 39.3762, 79.5511



64.5208, 71.3353, 42.2680

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.



29.6369, 39.3762, 25.7587



41.3229, 39.3762, 79.5511



39.3313, 39.3762, 18.8121

Square

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



41.3229, 39.3762, 79.5511



48.6711, 39.3762, 32.9602



33.7819, 39.3762, 19.6644



28.0617, 39.3762, 54.5995

Rectangle

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



41.3229, 39.3762, 79.5511



48.6932, 39.3762, 54.4280



33.7819, 39.3762, 19.6644



28.0463, 39.3762, 33.0830

Sweetspot

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



41.3242, 39.3777, 79.5520



80.8480, 83.3902, 106.4425



55.0829, 68.4708, 79.2805



16.8471, 17.3124, 22.7036



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.



41.3242, 39.3777, 79.5520



46.0848, 42.3283, 100.3490



46.4021, 40.1864, 79.4405



13.6950, 14.1114, 18.1463



8.2922, 3.6465, 42.6500



0.6514, 0.3467, 3.1645

Inverse Universe

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



51.0720, 43.4535, 40.8192



60.5073, 48.5572, 42.9961



57.9789, 70.7807, 42.5058



14.4336, 14.3906, 15.2179



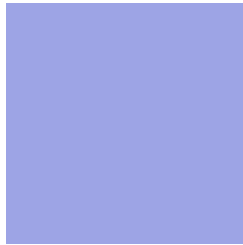
18.5790, 9.5658, 1.4122



1.3924, 0.7147, 0.2070

Previews

White Background



This preview shows how the XYZ color 41.3229, 39.3762, 79.5511 looks on a white background.

Color Contrast Check

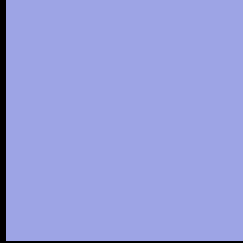
Large Text (above 18pt) WCAG AA × Fail

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 41.3229, 39.3762, 79.5511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

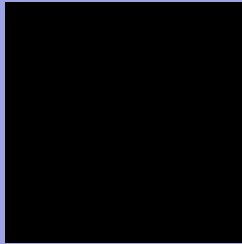
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3229, 39.3762, 79.5511

Background



This preview shows how black text looks on a background with the XYZ color 41.3229, 39.3762, 79.5511.



This preview shows how white text looks on a background with the XYZ color 41.3229, 39.3762,

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

41.3229, 39.3762, 79.5511

Protanopia

40.4544, 39.4315, 81.0802

Deuteranopia

40.3568, 39.4136, 79.6093



Tritanopia

35.8282, 39.3461, 52.1606

Trichromacy



Original Color

41.3229, 39.3762, 79.5511

Protanomaly

40.6870, 39.2988, 80.3039

Deuteranomaly

40.7349, 39.3397, 79.5751

Tritanomaly

37.6111, 39.2195, 61.4649

Monochromacy



Original Color

41.3229, 39.3762, 79.5511

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.7397, 39.3984, 54.8531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3229, 39.3762, 79.5511 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(157, 164, 229)` looks like.

```
.text, #text, p{  
    color:rgb(157, 164, 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(157, 164, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 164, 229) }
```

Border

The CSS property to change the border of an element to XYZ 41.3229, 39.3762, 79.5511 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(157, 164, 229) }
```


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

```
.border{ border-color:rgb(157, 164, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 164, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 164, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 164, 229);  
box-shadow:4px 4px 4px 4px rgb(157, 164,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3229, 39.3762, 79.5511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 164, 229) }
```

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

```
.background{ background-color: rgb(157,  
164, 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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