

Converting Colors

XYZ(40.7293, 37.0111, 79.1259)

Have a look what the booklet for
XYZ(40.7293, 37.0111, 79.1259)
contains.

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Color

**XYZ(40.7293, 37.0111,
79.1259)**

Conversions

Conversions Part 1

Format	Color
Hex	A19CE5
RGB	161, 156, 229
RGB Percent	63%, 61%, 90%
CMY	0.3686, 0.3882, 0.1020
CMYK	0.30, 0.32, 0.00, 0.10
HSL	244°, 58%, 75%
HSV	244°, 32%, 90%
XYZ	40.7293, 37.0111, 79.1259
YIQ	165.8170, -20.4530, 23.7630

Conversions

Conversions Part 2

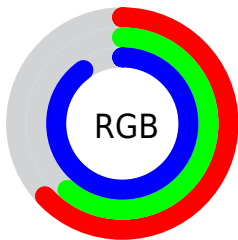
Format	Color
RYB	161, 156, 229
Decimal	10591461
CIELab	67.29, 17.97, -36.22
CIElCh	67, 40.428, 296.390
Yxy	37.0111, 0.2596, 0.2359
Android (android.graphics.Color)	4288781541 (0xFFA19CE5)
YUV	165.8170, 31.1492, -4.2245
Hunter-Lab	60.8367, 13.0388, -34.5284

Details

The XYZ color **40.7293, 37.0111, 79.1259** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **64.7611, 74.2868, 42.3793**, and the grayscale version is **36.0197, 37.8956, 41.2683**.

A 20% lighter version of the original color is **69.7119, 68.0649, 104.0714**, and **18.6578, 16.2461, 41.6876** is the 20% darker color. If you saturate the color by 10%, you get **33.3046, 28.0074, 77.7800**, and if you desaturate by 10%, it is **49.6142, 47.8444, 80.7493**.

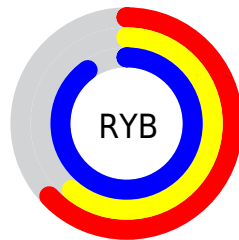
Distribution



Red (63%)

Green (61%)

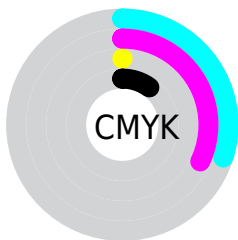
Blue (90%)



Red (63%)

Yellow (61%)

Blue (90%)

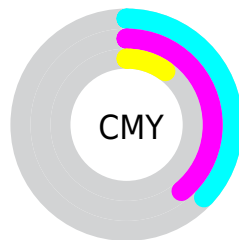


Cyan (30%)

Magenta (32%)

Yellow (0%)

Black (10%)



Cyan (37%)

Magenta (39%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7293, 37.0111, 79.1259 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 40.7293, 37.0111, 79.1259 by changing the saturation by 10% instead.

■ 40.7293, 37.0111,
79.1259

■ 40.7293, 37.0111,
79.1259

340.2699,
333.3586, 511.6110

■ 28.2944, 25.2161,
58.4774

■ 75.5501, 70.5899,
133.9364

■ 18.6893, 16.2381,
41.7753

■ 98.6667, 93.1424,
168.9354

■ 11.5486, 9.6928,
28.6012

126.0745,
120.0495, 209.5550

■ 6.5071, 5.1958,
18.5363

158.1389,
151.6957, 256.2138

■ 3.1994, 2.3626,
11.1623

195.2253,
188.4653, 309.3302

■ 1.2601, 0.8065,
6.0606

237.6991,

■ 0.1530, 0.0000,

230.7427, 369.3229

2.8126

285.9255,
278.9124, 436.6103

■ 0.0000, 0.0000,
0.9997

■ 0.0000, 0.0000,
0.0000

■ 40.7293, 37.0111,
79.1259

■ 40.7293, 37.0111,
79.1259

■ 33.3046, 28.0074,
77.7800

■ 49.6142, 47.8444,
80.7493

■ 27.2584, 20.7283,
76.6937

■ 60.0278, 60.5962,
82.6618

■ 22.5065, 15.0646,
75.8509

■ 72.0386, 75.3544,
84.8774

■ 18.9541, 10.8929,
75.2329

■ 85.7101, 92.2007,
87.4085

■ 16.4934, 8.0719,
74.8181

■ 91.1430, 98.4372,
88.3259

■ 14.9969, 6.4332,
74.5807

■ 14.3514, 5.7646,
74.4856

Harmonies

Analogous

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



34.4348, 37.0111, 84.7080



40.7293, 37.0111, 79.1259



46.0333, 37.0111, 62.2290

Triad

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



40.7293, 37.0111, 79.1259



42.1754, 37.0111, 18.0788



24.5998, 37.0111, 38.1931

Complementary

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



40.7293, 37.0111, 79.1259



64.7611, 74.2868, 42.3793

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.



26.1792, 37.0111, 24.2413



40.7293, 37.0111, 79.1259



35.9317, 37.0111, 14.9798

Square

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



40.7293, 37.0111, 79.1259



46.9346, 37.0111, 26.9842



30.1554, 37.0111, 16.8515



25.5694, 37.0111, 57.3997

Rectangle

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



40.7293, 37.0111, 79.1259



48.0396, 37.0111, 48.8509



30.1554, 37.0111, 16.8515



24.8449, 37.0111, 32.8080

Sweetspot

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



40.7306, 37.0125, 79.1268



79.2426, 80.5658, 105.9820



54.5456, 66.1089, 84.0148



16.5217, 16.7051, 22.6036



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.



40.7306, 37.0125, 79.1268



45.7565, 39.6791, 99.8549



49.1545, 41.3552, 79.5210



13.6738, 13.9341, 18.1132



8.2410, 3.3143, 42.5885



0.6413, 0.2616, 3.1487

Inverse Universe

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



57.6569, 45.8179, 76.3261



70.4834, 52.5477, 95.5295



54.6699, 69.0846, 41.9070



14.9503, 14.5973, 17.9384



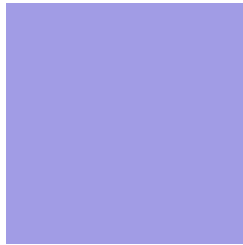
25.3830, 12.2874, 37.2413



1.8886, 0.9132, 2.8199

Previews

White Background



This preview shows how the XYZ color 40.7293, 37.0111, 79.1259 looks on a white background.

Color Contrast Check

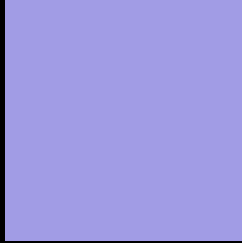
Large Text (above 18pt) WCAG AA × Fail

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 40.7293, 37.0111, 79.1259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

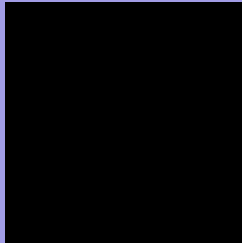
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.7293, 37.0111, 79.1259

Background



This preview shows how black text looks on a background with the XYZ color 40.7293, 37.0111, 79.1259.



This preview shows how white text looks on a background with the XYZ color 40.7293, 37.0111,

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

40.7293, 37.0111, 79.1259

Protanopia

38.4374, 37.0357, 82.2135

Deuteranopia

38.0793, 37.1929, 78.5707



Tritanopia

34.5354, 37.1064, 47.9899

Trichromacy



Original Color

40.7293, 37.0111, 79.1259

Protanomaly

39.1764, 36.9184, 81.4051

Deuteranomaly

38.9688, 37.1326, 78.5122

Tritanomaly

36.5159, 36.8404, 58.0096

Monochromacy



Original Color

40.7293, 37.0111, 79.1259

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.4155, 37.4073, 53.3924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7293, 37.0111, 79.1259 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(161, 156, 229)` looks like.

```
.text, #text, p{  
    color:rgb(161, 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(161, 156, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 156, 229) }
```

Border

The CSS property to change the border of an element to XYZ 40.7293, 37.0111, 79.1259 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(161, 156, 229) }
```


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

```
.border{ border-color:rgb(161, 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(161, 156, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 156, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 156, 229);  
box-shadow:4px 4px 4px 4px rgb(161, 156,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7293, 37.0111, 79.1259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 156, 229) }
```

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

```
.background{ background-color: rgb(161,  
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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