

Converting Colors

XYZ(40.2181, 39.2901, 69.7540)

Have a look what the booklet for
XYZ(40.2181, 39.2901, 69.7540)
contains.

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Color

**XYZ(40.2181, 39.2901,
69.7540)**

Conversions

Conversions Part 1

Format	Color
Hex	A0A5D7
RGB	160, 165, 215
RGB Percent	63%, 65%, 84%
CMY	0.3725, 0.3529, 0.1569
CMYK	0.26, 0.23, 0.00, 0.16
HSL	235°, 41%, 74%
HSV	235°, 26%, 84%
XYZ	40.2181, 39.2901, 69.7540
YIQ	169.2050, -19.0300, 14.4900

Conversions

Conversions Part 2

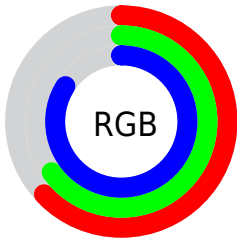
Format	Color
RYB	160, 165, 215
Decimal	10528215
CIELab	68.96, 9.16, -25.93
CIElCh	69, 27.499, 289.465
Yxy	39.2901, 0.2694, 0.2632
Android (android.graphics.Color)	4288718295 (0xFFA0A5D7)
YUV	169.2050, 22.5769, -8.0728
Hunter-Lab	62.6818, 4.8365, -22.1022

Details

The XYZ color **40.2181, 39.2901, 69.7540** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **57.4168, 63.0789, 42.4083**, and the grayscale version is **37.7130, 39.6770, 43.2083**.

A 20% lighter version of the original color is **71.9621, 73.0053, 104.9064**, and **18.3137, 17.4741, 35.6653** is the 20% darker color. If you saturate the color by 10%, you get **33.0260, 30.7436, 68.4841**, and if you desaturate by 10%, it is **48.6948, 49.3004, 71.2401**.

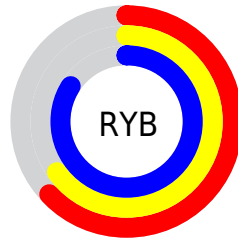
Distribution



Red (63%)

Green (65%)

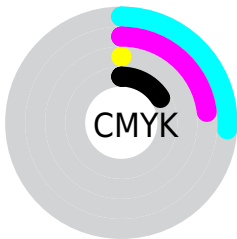
Blue (84%)



Red (63%)

Yellow (65%)

Blue (84%)

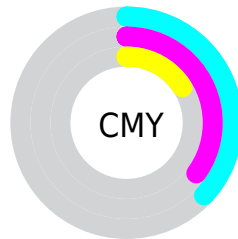


Cyan (26%)

Magenta (23%)

Yellow (0%)

Black (16%)



Cyan (37%)

Magenta (35%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.2181, 39.2901, 69.7540 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 40.2181, 39.2901, 69.7540 by changing the saturation by 10% instead.

■ 40.2181, 39.2901,
69.7540

■ 40.2181, 39.2901,
69.7540

338.1606,
343.1223, 478.4516

■ 27.8936, 26.9855,
50.8504

■ 74.7777, 74.0813,
120.5357

■ 18.3855, 17.5623,
35.7137

■ 97.7436, 97.3366,
153.2509

■ 11.3285, 10.6362,
23.9252

124.9873,
125.0110, 191.4071

■ 6.3571, 5.8228,
15.0665

156.8742,
157.4888, 235.4228

■ 3.1062, 2.7376,
8.7189

193.7696,
195.1545, 285.7166

■ 1.2101, 0.9963,
4.4640

236.0389,

■ 0.1144, 0.0000,

238.3923, 342.7069

1.8832

284.0475,
287.5868, 406.8124

■ 0.0000, 0.0000,
0.4820

■ 0.0000, 0.0000,
0.0000

■ 40.2181, 39.2901,
69.7540

■ 40.2181, 39.2901,
69.7540

■ 33.0260, 30.7436,
68.4841

■ 48.6948, 49.3004,
71.2401

■ 27.0520, 23.5878,
67.4177

■ 58.5105, 60.8337,
72.9489

■ 22.2295, 17.7502,
66.5451

■ 69.7214, 73.9518,
74.8901

■ 18.4839, 13.1499,
65.8546

■ 82.3790, 88.7116,
77.0718

■ 15.7317, 9.6971,
65.3332

■ 89.2659, 97.6863,
78.4412

■ 13.8770, 7.2897,
64.9663

■ 12.8045, 5.8070,
64.7366

■ 12.5081, 5.3908,
64.6719

Harmonies

Analogous

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



35.8269, 39.2901, 71.1076



40.2181, 39.2901, 69.7540



44.1095, 39.2901, 60.4267

Triad

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



40.2181, 39.2901, 69.7540



43.0827, 39.2901, 26.9577



29.6689, 39.2901, 38.5246

Complementary

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



40.2181, 39.2901, 69.7540



57.4168, 63.0789, 42.4083

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.



31.3084, 39.2901, 28.9546



40.2181, 39.2901, 69.7540



38.9034, 39.2901, 23.1962

Square

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



40.2181, 39.2901, 69.7540



45.8506, 39.2901, 35.2435



34.6103, 39.2901, 23.8478



29.9606, 39.2901, 51.3214

Rectangle

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



40.2181, 39.2901, 69.7540



45.7890, 39.2901, 51.8003



34.6103, 39.2901, 23.8478



30.0071, 39.2901, 34.8732

Sweetspot

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



40.2194, 39.2917, 69.7549



82.3056, 85.0672, 106.6894



50.3693, 60.7036, 69.7097



17.1358, 17.6431, 22.7523



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.



40.2194, 39.2917, 69.7549



52.9050, 50.3678, 101.5413



44.1291, 39.9943, 69.6845



11.8325, 12.1884, 15.6665



7.5148, 3.2915, 38.6924



0.4853, 0.2626, 2.3444

Inverse Universe

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



47.3878, 42.3066, 41.2672



65.3170, 55.7157, 52.1862



52.6389, 62.4772, 42.5440



12.4687, 12.4390, 13.1422



16.8520, 8.6771, 1.2588



1.0326, 0.5298, 0.1610

Previews

White Background



This preview shows how the XYZ color 40.2181, 39.2901, 69.7540 looks on a white background.

Color Contrast Check

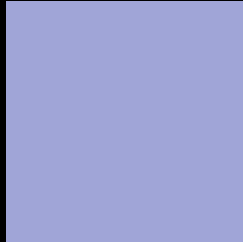
Large Text (above 18pt) WCAG AA × Fail

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 40.2181, 39.2901, 69.7540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

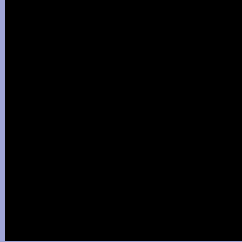
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2181, 39.2901, 69.7540

Background



This preview shows how black text looks on a background with the XYZ color 40.2181, 39.2901, 69.7540.



This preview shows how white text looks on a background with the XYZ color 40.2181, 39.2901,

69.7540.

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

40.2181, 39.2901, 69.7540

Protanopia

39.5485, 39.1989, 70.4475

Deuteranopia

40.2181, 39.2901, 69.7540



Tritanopia

36.5411, 39.4565, 51.0374

Trichromacy



Original Color

40.2181, 39.2901, 69.7540

Protanomaly

39.9355, 39.3984, 70.4656

Deuteranomaly

40.2181, 39.2901, 69.7540

Tritanomaly

37.7486, 39.3840, 57.2421

Monochromacy



Original Color

40.2181, 39.2901, 69.7540

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.5914, 39.6574, 52.0750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2181, 39.2901, 69.7540 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(160, 165, 215)` looks like.

```
.text, #text, p{  
    color:rgb(160, 165, 215)  
}
```

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(160, 165, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 165, 215) }
```

Border

The CSS property to change the border of an element to XYZ 40.2181, 39.2901, 69.7540 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(160, 165, 215) }
```


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

```
.border{ border-color:rgb(160, 165, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 165, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 165, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 165, 215);  
box-shadow:4px 4px 4px 4px rgb(160, 165,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2181, 39.2901, 69.7540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 165, 215) }
```

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

```
.background{ background-color: rgb(160,  
165, 215) }
```

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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