

Converting Colors

XYZ(13.9482, 5.5897, 72.9806)

Have a look what the booklet for
XYZ(13.9482, 5.5897, 72.9806)
contains.

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Color

**XYZ(13.9528, 5.5912,
73.0169)**

Conversions

Conversions Part 1

Format	Color
Hex	0700E3
RGB	7, 0, 227
RGB Percent	3%, 0%, 89%
CMY	0.9723, 1.0000, 0.1098
CMYK	0.97, 1.00, 0.00, 0.11
HSL	242°, 100%, 45%
HSV	242°, 100%, 89%
XYZ	13.9528, 5.5912, 73.0169
YIQ	27.9710, -68.6950, 72.0810

Conversions

Conversions Part 2

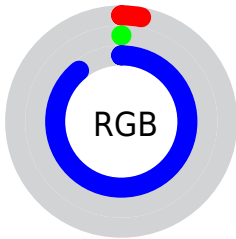
Format	Color
RYB	7, 0, 227
Decimal	458979
CIELab	28.36, 72.57, -98.58
CIELCh	28, 122.411, 306.358
Yxy	5.5912, 0.1507, 0.0604
Android (android.graphics.Color)	4278649059 (0xFF0700E3)
YUV	27.9710, 98.1213, -18.3916
Hunter-Lab	23.6457, 63.9488, -166.5328

Details

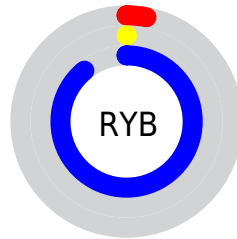
The XYZ color **13.9528, 5.5912, 73.0169** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **56.9650, 70.1441, 10.5368**, and the grayscale version is **1.0472, 1.1017, 1.1998**.

A 20% lighter version of the original color is **26.9966, 14.8117, 96.0438**, and **7.2557, 2.9023, 38.2080** is the 20% darker color. If you saturate the color by 10%, you get **13.9536, 5.5917, 73.0172**, and if you desaturate by 10%, it is **14.6740, 6.4091, 73.1370**.

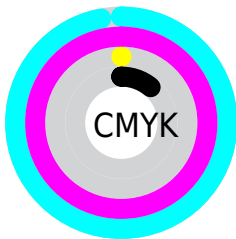
Distribution



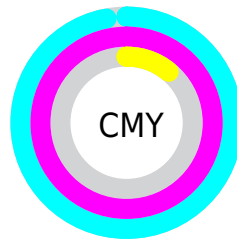
- Red (3%)
- Green (0%)
- Blue (89%)



- Red (3%)
- Yellow (0%)
- Blue (89%)



- Cyan (97%)
- Magenta (100%)
- Yellow (0%)
- Black (11%)



- Cyan (97%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9528, 5.5912, 73.0169 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 13.9528, 5.5912, 73.0169 by changing the saturation by 10% instead.

■ 13.9528, 5.5912,
73.0169

■ 13.9528, 5.5912,
73.0169

210.4535,
155.3833, 490.1457

■ 8.1693, 2.5981,
53.4979

■ 32.5922, 17.0769,
125.2223

■ 4.2562, 0.9257,
37.8099

■ 46.1789, 26.3383,
158.7458

■ 1.8481, 0.0000,
25.5345

■ 63.0973, 38.4579,
197.7746

■ 0.5464, 0.0000,
16.2531

■ 83.7129, 53.8201,
242.7271

■ 0.0000, 0.0000,
9.5471

■ 108.3909, 72.8094,
294.0219


■ 0.0000, 0.0000,
4.9981


■ 137.4968, 95.8101,

■ 0.0000, 0.0000,


352.0776

2.1874


 171.3959,
123.2066, 417.3127

 0.0000, 0.0000,
0.6671


 0.0000, 0.0000,
0.0000


 13.9528, 5.5912,
73.0169

 13.9528, 5.5912,
73.0169

 13.9536, 5.5917,
73.0172

 14.6740, 6.4091,
73.1370

 16.1868, 8.1587,
73.3950

 18.6895, 11.1107,
73.8329

 22.3126, 15.4291,
74.4755

■ 27.1668, 21.2524,
75.3436

■ 33.3494, 28.7021,
76.4557

■ 40.9481, 37.8872,
77.8281

■ 50.0430, 48.9074,
79.4759

■ 60.7082, 61.8548,
81.4129

Harmonies

Analogous

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



6.5266, 5.5912, 105.8665



13.9528, 5.5912, 73.0169



21.2214, 5.5912, 26.9464

Triad

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



13.9528, 5.5912, 73.0169



10.5487, 5.5912, 0.0000



0.0139, 5.5912, 9.9326

Complementary

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



13.9528, 5.5912, 73.0169



56.9650, 70.1441, 10.5368

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.



0.2463, 5.5912, 0.0000



13.9528, 5.5912, 73.0169



4.2622, 5.5912, 0.0000

Square

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



13.9528, 5.5912, 73.0169



18.5016, 5.5912, 0.0000



1.2693, 5.5912, 0.0000



0.5772, 5.5912, 45.0637

Rectangle

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



13.9528, 5.5912, 73.0169



23.3963, 5.5912, 8.1402



1.2693, 5.5912, 0.0000



0.0015, 5.5912, 4.4132

Sweetspot

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



13.9536, 5.5917, 73.0172



53.0982, 49.0695, 101.2805



40.3109, 58.4375, 81.8283



10.4204, 9.3601, 21.5074



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.



13.9536, 5.5917, 73.0172



18.1493, 7.2712, 95.0546



21.2395, 9.3477, 73.3582



13.6241, 13.9084, 18.1109



8.1557, 3.2703, 42.5846



0.6174, 0.2493, 3.1475

Inverse Universe

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



44.5885, 21.4949, 69.4645



58.0384, 27.9794, 90.3892



33.8644, 58.2353, 9.4557



14.9747, 14.6071, 18.0673



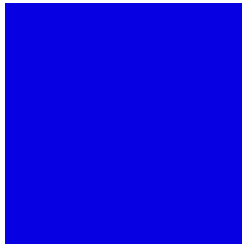
26.0125, 12.5392, 40.5565



1.9284, 0.9291, 3.0293

Previews

White Background



This preview shows how the XYZ color 13.9528, 5.5912, 73.0169 looks on a white background.

Color Contrast Check

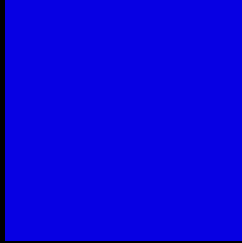
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 13.9528, 5.5912, 73.0169 looks on a black 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

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

XYZ 13.9528, 5.5912, 73.0169

Background



This preview shows how black text looks on a background with the XYZ color 13.9528, 5.5912, 73.0169.



This preview shows how white text looks on a background with the XYZ color 13.9528, 5.5912,

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

13.9528, 5.5912, 73.0169

Protanopia

6.6084, 5.7605, 25.1897

Deuteranopia

5.5233, 5.8145, 17.9707



Tritanopia

4.0324, 5.7481, 8.4864

Trichromacy



Original Color

13.9528, 5.5912, 73.0169

Protanomaly

8.2162, 4.6156, 38.9859

Deuteranomaly

7.1475, 4.3648, 32.8135

Tritanomaly

5.3281, 3.8267, 22.6481

Monochromacy



Original Color

13.9528, 5.5912, 73.0169

Achromatopsia

1.1037, 1.1612, 1.2646

Achromatomaly

2.8050, 1.5014, 12.1986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9528, 5.5912, 73.0169 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(7, 0, 227)` looks like.

```
.text, #text, p{  
    color:rgb(7, 0, 227)  
}
```

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(7, 0, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 0, 227) }
```

Border

The CSS property to change the border of an element to XYZ 13.9528, 5.5912, 73.0169 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(7, 0, 227) }
```


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

```
.border{ border-color:rgb(7, 0, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 0, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 0, 227); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 0, 227); box-shadow:4px  
4px 4px 4px rgb(7, 0, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9528, 5.5912, 73.0169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 0, 227) }
```

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

```
.background{ background-color: rgb(7, 0,  
227) }
```

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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