

Converting Colors

XYZ(14.2575, 6.3419, 73.1095)

Have a look what the booklet for
XYZ(14.2575, 6.3419, 73.1095)
contains.

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Color

**XYZ(14.2571, 6.3299,
73.1434)**

Conversions

Conversions Part 1

Format	Color
Hex	001BE3
RGB	0, 27, 227
RGB Percent	0%, 11%, 89%
CMY	0.9997, 0.8942, 0.1098
CMYK	1.00, 0.88, 0.00, 0.11
HSL	233°, 100%, 45%
HSV	233°, 100%, 89%
XYZ	14.2571, 6.3299, 73.1434
YIQ	41.7270, -80.2920, 56.4760

Conversions

Conversions Part 2

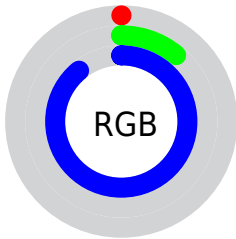
Format	Color
RYB	0, 24, 227
Decimal	7139
CIELab	30.23, 66.40, -95.45
CIELCh	30, 116.275, 304.823
Yxy	6.3299, 0.1521, 0.0675
Android (android.graphics.Color)	4278197219 (0xFF001BE3)
YUV	41.7270, 91.3396, -36.5946
Hunter-Lab	25.1593, 57.1224, -154.7571

Details

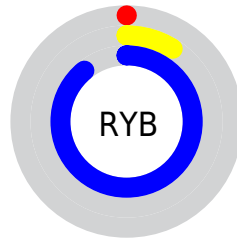
The XYZ color **14.2571, 6.3299, 73.1434** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **52.3505, 57.6740, 8.3749**, and the grayscale version is **2.0997, 2.2090, 2.4056**.

A 20% lighter version of the original color is **27.6008, 16.4021, 96.3189**, and **7.2557, 2.9023, 38.2080** is the 20% darker color. If you saturate the color by 10%, you get **14.2556, 6.3269, 73.1432**, and if you desaturate by 10%, it is **15.2295, 7.7582, 73.3681**.

Distribution



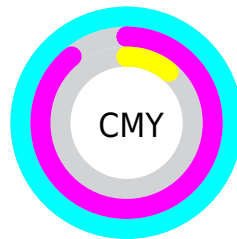
- Red (0%)
- Green (11%)
- Blue (89%)



- Red (0%)
- Yellow (9%)
- Blue (89%)



- Cyan (100%)
- Magenta (88%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (89%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2571, 6.3299, 73.1434 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 14.2571, 6.3299, 73.1434 by changing the saturation by 10% instead.

■ 14.2571, 6.3299,
73.1434

■ 14.2571, 6.3299,
73.1434

212.3032,
161.9735, 490.5958

■ 8.3826, 3.0467,
53.6007

■ 33.1270, 18.6119,
125.4036

■ 4.3946, 1.1562,
37.8915

■ 46.8531, 28.3794,
158.9581

■ 1.9277, 0.0255,
25.5973

■ 63.9271, 41.0772,
198.0203

■ 0.5929, 0.0000,
16.2996

■ 84.7144, 57.0896,
243.0088

■ 0.0000, 0.0000,
9.5797

■ 109.5803, 76.8011,
294.3420

■ 0.0000, 0.0000,
5.0193


■ 138.8901,


■ 0.0000, 0.0000,


100.5959, 352.4386

2.1996


 173.0093,
128.8586, 417.7170

 0.0000, 0.0000,
0.6742

 0.0000, 0.0000,
0.0000


 14.2571, 6.3299,
73.1434

 14.2571, 6.3299,
73.1434

 14.2556, 6.3269,
73.1432

 15.2295, 7.7582,
73.3681

 16.9752, 10.1293,
73.7338

 19.6695, 13.5989,
74.2615

 23.4256, 18.2822,
74.9675

■ 28.3404, 24.2791,
75.8659

■ 34.4998, 31.6792,
76.9697

■ 41.9816, 40.5642,
78.2903

■ 50.8569, 51.0093,
79.8387

■ 61.1919, 63.0848,
81.6247

Harmonies

Analogous

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



6.9460, 6.3299, 101.8078



14.2571, 6.3299, 73.1434



21.4671, 6.3299, 29.3348

Triad

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



14.2571, 6.3299, 73.1434



11.7012, 6.3299, 0.0000



0.3525, 6.3299, 9.7518

Complementary

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



14.2571, 6.3299, 73.1434



52.3505, 57.6740, 8.3749

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.



0.6121, 6.3299, 0.1856



14.2571, 6.3299, 73.1434



5.1737, 6.3299, 0.0000

Square

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



14.2571, 6.3299, 73.1434



19.4652, 6.3299, 0.0000



1.7836, 6.3299, 0.0000



0.8507, 6.3299, 42.4485

Rectangle

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



14.2571, 6.3299, 73.1434



23.7817, 6.3299, 9.9880



1.7836, 6.3299, 0.0000



0.3540, 6.3299, 4.5129

Sweetspot

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



14.2577, 6.3299, 73.1436



54.4180, 52.5301, 101.8789



37.5185, 58.9582, 62.0712



10.7204, 10.1452, 21.6431



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.



14.2577, 6.3299, 73.1436



18.5208, 8.1616, 95.2069



17.4574, 7.3989, 73.1813



13.7199, 14.1612, 18.1546



8.3577, 3.7774, 42.6718



0.6632, 0.3704, 3.1685

Inverse Universe

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



31.8771, 16.4114, 2.5239



41.4776, 21.3551, 3.1813



38.9345, 60.8489, 9.6948



14.4462, 14.3957, 15.2841



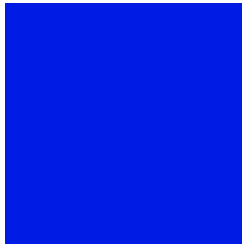
18.6121, 9.5790, 1.5862



1.3984, 0.7171, 0.2385

Previews

White Background



This preview shows how the XYZ color 14.2571, 6.3299, 73.1434 looks on a white background.

Color Contrast Check

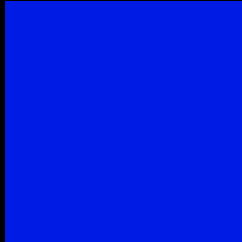
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2571, 6.3299, 73.1434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

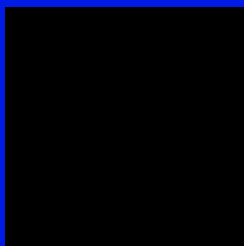
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.2571, 6.3299, 73.1434

Background



This preview shows how black text looks on a background with the XYZ color 14.2571, 6.3299, 73.1434.



This preview shows how white text looks on a background with the XYZ color 14.2571, 6.3299,

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

14.2571, 6.3299, 73.1434

Deuteranopia

6.0239, 6.3276, 19.6427

Tritanopia

4.3573, 6.2165, 9.1539

Trichromacy



Original Color

14.2571, 6.3299, 73.1434

Deuteranomaly

7.8962, 5.4995, 34.3635

Tritanomaly

5.9890, 4.9810, 23.5674

Monochromacy



Original Color

14.2571, 6.3299, 73.1434

Achromatopsia

2.2007, 2.3153, 2.5214

Achromatomaly

3.8739, 2.6603, 14.7773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2571, 6.3299, 73.1434 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(0, 27, 227)` looks like.

```
.text, #text, p{  
    color:rgb(0, 27, 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(0, 27, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 27, 227) }
```

Border

The CSS property to change the border of an element to XYZ 14.2571, 6.3299, 73.1434 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(0, 27, 227) }
```

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

```
.border{ border-color:rgb(0, 27, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 27, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 27, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 27, 227);  
box-shadow:4px 4px 4px 4px rgb(0, 27, 227)  
}
```


Background

The CSS property to change the background color of an element to XYZ 14.2571, 6.3299, 73.1434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 27, 227) }
```

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

```
.background{ background-color: rgb(0, 27,  
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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