

Converting Colors

XYZ(14.6603, 7.1474, 73.2438)

Have a look what the booklet for
XYZ(14.6603, 7.1474, 73.2438)
contains.

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Color

**XYZ(14.6581, 7.1319,
73.2771)**

Conversions

Conversions Part 1

Format	Color
Hex	0029E3
RGB	0, 41, 227
RGB Percent	0%, 16%, 89%
CMY	0.9998, 0.8392, 0.1098
CMYK	1.00, 0.82, 0.00, 0.11
HSL	229°, 100%, 45%
HSV	229°, 100%, 89%
XYZ	14.6581, 7.1319, 73.2771
YIQ	49.9450, -84.1420, 49.1540

Conversions

Conversions Part 2

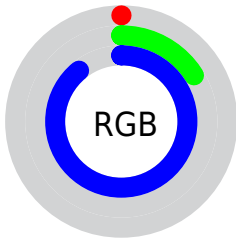
Format	Color
RYB	0, 35, 227
Decimal	10723
CIELab	32.11, 60.78, -92.33
CIElCh	32, 110.538, 303.358
Yxy	7.1319, 0.1542, 0.0750
Android (android.graphics.Color)	4278200803 (0xFF0029E3)
YUV	49.9450, 87.2881, -43.8018
Hunter-Lab	26.7056, 51.2397, -143.9909

Details

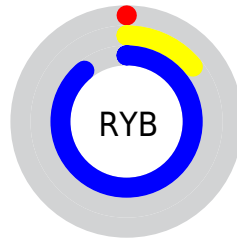
The XYZ color **14.6581, 7.1319, 73.2771** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **49.2527, 51.4784, 7.3422**, and the grayscale version is **2.9388, 3.0919, 3.3671**.

A 20% lighter version of the original color is **28.3466, 18.0817, 96.6038**, and **7.2557, 2.9023, 38.2080** is the 20% darker color. If you saturate the color by 10%, you get **14.6561, 7.1279, 73.2767**, and if you desaturate by 10%, it is **15.8081, 8.9154, 73.5610**.

Distribution



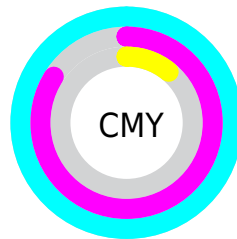
- Red (0%)
- Green (16%)
- Blue (89%)



- Red (0%)
- Yellow (14%)
- Blue (89%)



- Cyan (100%)
- Magenta (82%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (84%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6581, 7.1319, 73.2771 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 14.6581, 7.1319, 73.2771 by changing the saturation by 10% instead.

■ 14.6581, 7.1319,
73.2771

■ 14.6581, 7.1319,
73.2771

214.7170,
168.7552, 491.0711

■ 8.6645, 3.5447,
53.7094

■ 33.8289, 20.2381,
125.5951

■ 4.5784, 1.4223,
37.9778

■ 47.7368, 30.5259,
159.1824

■ 2.0343, 0.2331,
25.6637

■ 65.0135, 43.8160,
198.2800

■ 0.6531, 0.0000,
16.3487

■ 86.0244, 60.4928,
243.3064

■ 0.0000, 0.0000,
9.6142

■ 111.1349, 80.9407,
294.6802

■ 0.0000, 0.0000,
5.0417

■ 140.7102,

■ 0.0000, 0.0000,

105.5442, 352.8199

2.2126

175.1158,
134.6876, 418.1440

■ 0.0000, 0.0000,
0.6816

■ 0.0000, 0.0000,
0.0000

■ 14.6581, 7.1319,
73.2771

■ 14.6581, 7.1319,
73.2771

■ 14.6561, 7.1279,
73.2767

■ 15.8081, 8.9154,
73.5610

■ 17.7069, 11.5926,
73.9777

■ 20.5178, 15.2955,
74.5443

■ 24.3445, 20.1201,
75.2738

■ 29.2762, 26.1508,
76.1779

■ 35.3920, 33.4636,
77.2671

■ 42.7633, 42.1279,
78.5510

■ 51.4562, 52.2081,
80.0385

■ 61.5317, 63.7646,
81.7381

Harmonies

Analogous

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



7.4338, 7.1319, 98.2850



14.6581, 7.1319, 73.2771



21.8194, 7.1319, 31.6649

Triad

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



14.6581, 7.1319, 73.2771



12.8945, 7.1319, 0.0000



0.6844, 7.1319, 9.7300

Complementary

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



14.6581, 7.1319, 73.2771



49.2527, 51.4784, 7.3422

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.



0.9725, 7.1319, 0.4047



14.6581, 7.1319, 73.2771



6.1632, 7.1319, 0.0000

Square

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



14.6581, 7.1319, 73.2771



20.4639, 7.1319, 0.0000



2.3941, 7.1319, 0.0000



1.1572, 7.1319, 40.4058

Rectangle

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



14.6581, 7.1319, 73.2771



24.2554, 7.1319, 11.9383



2.3941, 7.1319, 0.0000



0.6979, 7.1319, 4.6996

Sweetspot

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



14.6587, 7.1319, 73.2774



55.4401, 54.5743, 102.2196



36.2687, 58.4583, 55.4901



10.9544, 10.6132, 21.7211



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.



14.6587, 7.1319, 73.2774



19.0267, 9.1734, 95.3756



16.5329, 6.9223, 73.1381



13.7920, 14.3054, 18.1786



8.6080, 4.2780, 42.7552



0.6974, 0.4387, 3.1799

Inverse Universe

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



32.0795, 16.4924, 3.5898



41.7330, 21.4572, 4.5260



41.0134, 61.9207, 9.7921



14.4826, 14.4102, 15.4758



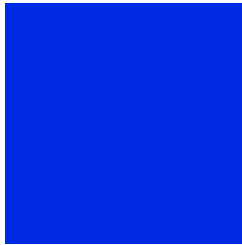
18.7384, 9.6296, 2.2515



1.4156, 0.7240, 0.3293

Previews

White Background



This preview shows how the XYZ color 14.6581, 7.1319, 73.2771 looks on a white background.

Color Contrast Check

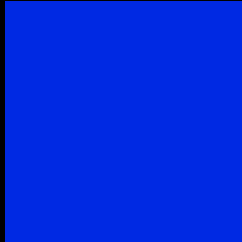
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6581, 7.1319, 73.2771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

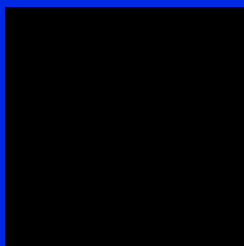
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.6581, 7.1319, 73.2771

Background



This preview shows how black text looks on a background with the XYZ color 14.6581, 7.1319, 73.2771.



This preview shows how white text looks on a background with the XYZ color 14.6581, 7.1319,

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

14.6581, 7.1319, 73.2771

Protanopia

8.1323, 7.0650, 31.0721

Deuteranopia

6.7537, 7.0605, 22.1259



Tritanopia

4.9318, 7.0452, 10.3325

Trichromacy



Original Color

14.6581, 7.1319, 73.2771

Protanomaly

9.9070, 6.6328, 43.9381

Deuteranomaly

8.6818, 6.4972, 36.3938

Tritanomaly

6.7273, 5.9983, 25.2293

Monochromacy



Original Color

14.6581, 7.1319, 73.2771

Achromatopsia

3.0317, 3.1896, 3.4735

Achromatomaly

4.6494, 3.5550, 16.3607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6581, 7.1319, 73.2771 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, 41, 227)` looks like.

```
.text, #text, p{  
    color:rgb(0, 41, 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, 41, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 41, 227) }
```

Border

The CSS property to change the border of an element to XYZ 14.6581, 7.1319, 73.2771 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, 41, 227) }
```


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

```
.border{ border-color:rgb(0, 41, 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, 41, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 41, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 41, 227);  
box-shadow:4px 4px 4px 4px rgb(0, 41, 227)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.6581, 7.1319, 73.2771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 41, 227) }
```

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

```
.background{ background-color: rgb(0, 41,  
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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