

Converting Colors

XYZ(14.2330, 5.9893, 73.0789)

Have a look what the booklet for
XYZ(14.2330, 5.9893, 73.0789)
contains.

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Color

**XYZ(14.2330, 5.9893,
73.0789)**

Conversions

Conversions Part 1

Format	Color
Hex	0F0FE3
RGB	15, 15, 227
RGB Percent	6%, 6%, 89%
CMY	0.9410, 0.9412, 0.1098
CMYK	0.93, 0.93, 0.00, 0.11
HSL	240°, 88%, 47%
HSV	240°, 93%, 89%
XYZ	14.2330, 5.9893, 73.0789
YIQ	39.1680, -68.0520, 65.9320

Conversions

Conversions Part 2

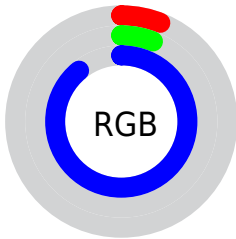
Format	Color
R_{YB}	15, 15, 227
Decimal	987107
CIE _{Lab}	29.39, 69.89, -96.86
CIE _{LCh}	29, 119.439, 305.813
Yxy	5.9893, 0.1525, 0.0642
Android (android.graphics.Color)	4279177187 (0xFF0F0FE3)
YUV	39.1680, 92.6012, -21.1953
Hunter-Lab	24.4730, 60.9839, -159.9146

Details

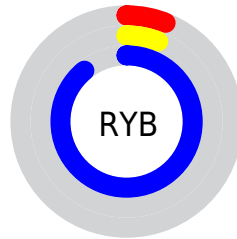
The XYZ color **14.2330, 5.9893, 73.0789** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **59.2147, 71.2938, 11.0916**, and the grayscale version is **1.8701, 1.9675, 2.1426**.

A 20% lighter version of the original color is **27.5028, 15.6299, 96.1751**, and **7.2557, 2.9023, 38.2080** is the 20% darker color. If you saturate the color by 10%, you get **13.8660, 5.5465, 73.0130**, and if you desaturate by 10%, it is **15.3381, 7.3195, 73.2777**.

Distribution



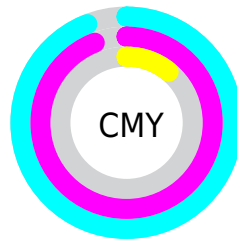
- Red (6%)
- Green (6%)
- Blue (89%)



- Red (6%)
- Yellow (6%)
- Blue (89%)



- Cyan (93%)
- Magenta (93%)
- Yellow (0%)
- Black (11%)



- Cyan (94%)
- Magenta (94%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2330, 5.9893, 73.0789 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 14.2330, 5.9893, 73.0789 by changing the saturation by 10% instead.

■ 14.2330, 5.9893,
73.0789

■ 14.2330, 5.9893,
73.0789

212.1573,
158.9798, 490.3663

■ 8.3657, 2.8386,
53.5483

■ 33.0847, 17.9089,
125.3112

■ 4.3836, 1.0480,
37.8499

■ 46.7998, 27.4466,
158.8499

■ 1.9213, 0.0000,
25.5653

■ 63.8615, 39.8821,
197.8950

■ 0.5892, 0.0000,
16.2759

■ 84.6353, 55.5997,
242.8652

■ 0.0000, 0.0000,
9.5631

■ 109.4864, 74.9839,
294.1788


■ 0.0000, 0.0000,
5.0085


■ 138.7802, 98.4191,

■ 0.0000, 0.0000,


352.2545


2.1934


 172.8820,
126.2896, 417.5109


 0.0000, 0.0000,
0.6706

 0.0000, 0.0000,
0.0000

 14.2330, 5.9893,
73.0789


 14.2330, 5.9893,
73.0789

 13.8660, 5.5465,
73.0130

 15.3381, 7.3195,
73.2777

 17.3912, 9.7926,
73.6468

 20.5436, 13.5906,
74.2138

 24.9199, 18.8634,
75.0009

■ 30.6277, 25.7408,
76.0275

■ 37.7630, 34.3386,
77.3110

■ 46.4130, 44.7617,
78.8669

■ 56.6577, 57.1068,
80.7098

■ 68.5718, 71.4636,
82.8530

Harmonies

Analogous

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



6.8153, 5.9893, 104.1771



14.2330, 5.9893, 73.0789



21.4850, 5.9893, 28.0032

Triad

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



14.2330, 5.9893, 73.0789



11.1226, 5.9893, 0.0000



0.1913, 5.9893, 10.0371

Complementary

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



14.2330, 5.9893, 73.0789



59.2147, 71.2938, 11.0916

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.



0.4323, 5.9893, 0.1208



14.2330, 5.9893, 73.0789



4.7006, 5.9893, 0.0000

Square

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



14.2330, 5.9893, 73.0789



19.0256, 5.9893, 0.0000



1.5116, 5.9893, 0.0000



0.7276, 5.9893, 44.2464

Rectangle

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



14.2330, 5.9893, 73.0789



23.7091, 5.9893, 8.9539



1.5116, 5.9893, 0.0000



0.1841, 5.9893, 4.5748

Sweetspot

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



14.2336, 5.9893, 73.0791



54.7839, 51.4786, 101.6567



41.5311, 60.5859, 82.1786



10.7161, 9.8017, 21.5771



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.



14.2336, 5.9893, 73.0791



18.0509, 7.2205, 95.0500



21.9200, 9.9518, 73.4388



13.5833, 13.8874, 18.1090



8.0868, 3.2348, 42.5813



0.5977, 0.2391, 3.1466

Inverse Universe

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



45.7060, 22.2149, 74.5079



59.2782, 28.4753, 96.9176



35.4395, 59.0373, 9.9789



14.9950, 14.6152, 18.1740



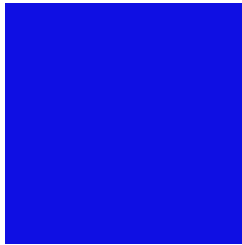
26.5560, 12.7566, 43.4186



1.9625, 0.9427, 3.2088

Previews

White Background



This preview shows how the XYZ color 14.2330, 5.9893, 73.0789 looks on a white background.

Color Contrast Check

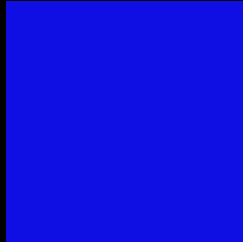
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2330, 5.9893, 73.0789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

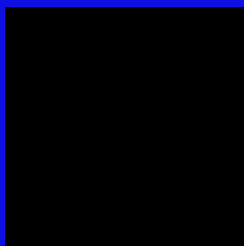
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.2330, 5.9893, 73.0789

Background



This preview shows how black text looks on a background with the XYZ color 14.2330, 5.9893, 73.0789.



This preview shows how white text looks on a background with the XYZ color 14.2330, 5.9893,

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

14.2330, 5.9893, 73.0789

Protanopia

6.8149, 5.9374, 25.9862

Deuteranopia

5.6471, 5.9666, 18.3068



Tritanopia

4.1391, 5.9018, 8.7056

Trichromacy



Original Color

14.2330, 5.9893, 73.0789

Protanomaly

8.5659, 5.1247, 39.5674

Deuteranomaly

7.4180, 4.8685, 32.8965

Tritanomaly

5.6848, 4.3918, 23.1023

Monochromacy



Original Color

14.2330, 5.9893, 73.0789

Achromatopsia

1.9284, 2.0289, 2.2094

Achromatomaly

3.6535, 2.2661, 14.1548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2330, 5.9893, 73.0789 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(15, 15, 227)` looks like.

```
.text, #text, p{  
    color:rgb(15, 15, 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(15, 15, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 15, 227) }
```

Border

The CSS property to change the border of an element to XYZ 14.2330, 5.9893, 73.0789 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(15, 15, 227) }
```


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

```
.border{ border-color:rgb(15, 15, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 15, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 15, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 15, 227);  
box-shadow:4px 4px 4px 4px rgb(15, 15,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2330, 5.9893, 73.0789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 15, 227) }
```

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

```
.background{ background-color: rgb(15, 15,  
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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