

Converting Colors

XYZ(14.0480, 5.6416, 72.9897)

Have a look what the booklet for
XYZ(14.0480, 5.6416, 72.9897)
contains.

XYZ(14.0621, 5.6476, 73.0220)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**XYZ(14.0621, 5.6476,
73.0220)**

Conversions

Conversions Part 1

Format	Color
Hex	0F00E3
RGB	15, 0, 227
RGB Percent	6%, 0%, 89%
CMY	0.9410, 1.0000, 0.1098
CMYK	0.93, 1.00, 0.00, 0.11
HSL	244°, 100%, 45%
HSV	244°, 100%, 89%
XYZ	14.0621, 5.6476, 73.0220
YIQ	30.3630, -63.9270, 73.7770

Conversions

Conversions Part 2

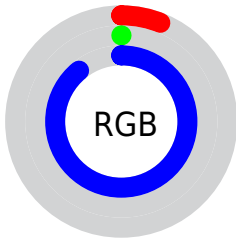
Format	Color
R_{YB}	15, 0, 227
Decimal	983267
CIE Lab	28.51, 72.61, -98.33
CIE LCh	29, 122.236, 306.445
Yxy	5.6476, 0.1516, 0.0609
Android (android.graphics.Color)	4279173347 (0xFF0F00E3)
YUV	30.3630, 96.9420, -13.4734
Hunter-Lab	23.7647, 64.0343, -165.5458

Details

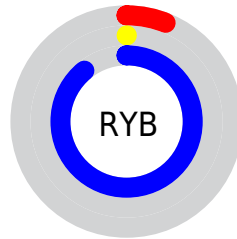
The XYZ color **14.0621, 5.6476, 73.0220** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **54.6084, 68.9291, 10.4265**, and the grayscale version is **1.1995, 1.2620, 1.3743**.

A 20% lighter version of the original color is **27.2596, 14.9473, 96.0561**, and **7.2557, 2.9023, 38.2080** is the 20% darker color. If you saturate the color by 10%, you get **14.0629, 5.6480, 73.0223**, and if you desaturate by 10%, it is **14.9016, 6.5264, 73.1476**.

Distribution



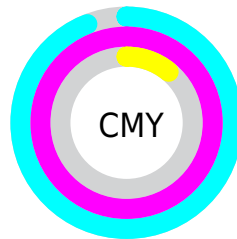
- Red (6%)
- Green (0%)
- Blue (89%)



- Red (6%)
- Yellow (0%)
- Blue (89%)



- Cyan (93%)
- Magenta (100%)
- Yellow (0%)
- Black (11%)



- Cyan (94%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0621, 5.6476, 73.0220 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 14.0621, 5.6476, 73.0220 by changing the saturation by 10% instead.

■ 14.0621, 5.6476,
73.0220

■ 14.0621, 5.6476,
73.0220

211.1197,
155.8996, 490.1639

■ 8.2459, 2.6320,
53.5020

■ 32.7845, 17.1955,
125.2296

■ 4.3058, 0.9428,
37.8132

■ 46.4214, 26.4965,
158.7544

■ 1.8765, 0.0000,
25.5370

■ 63.3959, 38.6616,
197.7845

■ 0.5632, 0.0000,
16.2550

■ 84.0733, 54.0749,
242.7384

■ 0.0000, 0.0000,
9.5485

■ 108.8191, 73.1210,
294.0348


■ 0.0000, 0.0000,
4.9989


■ 137.9985, 96.1842,

■ 0.0000, 0.0000,


352.0922

2.1879

 171.9769,
123.6490, 417.3290


 0.0000, 0.0000,
0.6674


 0.0000, 0.0000,
0.0000


 14.0621, 5.6476,
73.0220


 14.0621, 5.6476,
73.0220

 14.0629, 5.6480,
73.0223

 14.9016, 6.5264,
73.1476

 16.5311, 8.3362,
73.4111

 19.1321, 11.3389,
73.8536

 22.8255, 15.6935,
74.4994

■ 27.7144, 21.5347,
75.3692

■ 33.8902, 28.9809,
76.4810

■ 41.4352, 38.1383,
77.8509

■ 50.4247, 49.1042,
79.4937

■ 60.9289, 61.9686,
81.4232

Harmonies

Analogous

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



6.6041, 5.6476, 105.9642



14.0621, 5.6476, 73.0220



21.3380, 5.6476, 26.9559

Triad

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



14.0621, 5.6476, 73.0220



10.6013, 5.6476, 0.0000



0.0343, 5.6476, 10.0731

Complementary

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



14.0621, 5.6476, 73.0220



54.6084, 68.9291, 10.4265

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.



0.2641, 5.6476, 0.0209



14.0621, 5.6476, 73.0220



4.2965, 5.6476, 0.0000

Square

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



14.0621, 5.6476, 73.0220



18.5761, 5.6476, 0.0000



1.2884, 5.6476, 0.0000



0.5990, 5.6476, 45.3387

Rectangle

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



14.0621, 5.6476, 73.0220



23.5033, 5.6476, 8.1573



1.2884, 5.6476, 0.0000



0.0212, 5.6476, 4.5012

Sweetspot

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



14.0629, 5.6480, 73.0223



53.7342, 49.3974, 101.3103



38.3316, 54.4788, 81.1685



10.5645, 9.4344, 21.5142



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.



14.0629, 5.6480, 73.0223



18.2793, 7.3382, 95.0607



22.3008, 9.8948, 73.4078



13.6708, 13.9325, 18.1130



8.2354, 3.3114, 42.5883



0.6398, 0.2608, 3.1486

Inverse Universe

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



43.5570, 21.0823, 64.0330



56.6876, 27.4390, 83.2759



32.9657, 57.7719, 9.4136



14.9517, 14.5979, 17.9461



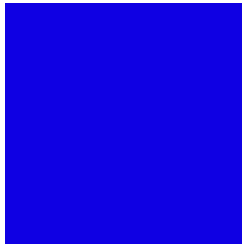
25.4197, 12.3021, 37.4349



1.8909, 0.9141, 2.8322

Previews

White Background



This preview shows how the XYZ color 14.0621, 5.6476, 73.0220 looks on a white background.

Color Contrast Check

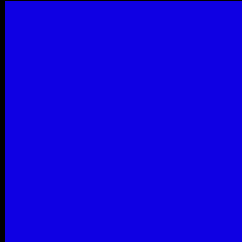
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0621, 5.6476, 73.0220 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 14.0621, 5.6476, 73.0220

Background



This preview shows how black text looks on a background with the XYZ color 14.0621, 5.6476, 73.0220.



This preview shows how white text looks on a background with the XYZ color 14.0621, 5.6476,

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

14.0621, 5.6476, 73.0220

Protanopia

6.6674, 5.8784, 25.2093

Deuteranopia

5.5233, 5.8145, 17.9707

Trichromacy



Original Color

14.0621, 5.6476, 73.0220

Protanomaly

8.2772, 4.7003, 38.9991

Deuteranomaly

7.1725, 4.3777, 32.8147

Monochromacy



Original Color

14.0621, 5.6476, 73.0220

Achromatopsia

1.2340, 1.2983, 1.4139

Achromatomaly

3.0320, 1.6317, 12.7255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0621, 5.6476, 73.0220 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, 0, 227)` looks like.

```
.text, #text, p{  
    color:rgb(15, 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(15, 0, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 0, 227) }
```

Border

The CSS property to change the border of an element to XYZ 14.0621, 5.6476, 73.0220 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, 0, 227) }
```

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

```
.border{ border-color:rgb(15, 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(15, 0, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 0, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 0, 227);  
box-shadow:4px 4px 4px 4px rgb(15, 0, 227)  
}
```


Background

The CSS property to change the background color of an element to XYZ 14.0621, 5.6476, 73.0220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 0, 227) }
```

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

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