

Converting Colors

XYZ(14.5191, 5.8840, 73.0073)

Have a look what the booklet for
XYZ(14.5191, 5.8840, 73.0073)
contains.

XYZ(14.5248, 5.8861, 73.0436)	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>	31

Color

**XYZ(14.5248, 5.8861,
73.0436)**

Conversions

Conversions Part 1

Format	Color
Hex	2200E3
RGB	34, 0, 227
RGB Percent	13%, 0%, 89%
CMY	0.8666, 1.0000, 0.1098
CMYK	0.85, 1.00, 0.00, 0.11
HSL	249°, 100%, 45%
HSV	249°, 100%, 89%
XYZ	14.5248, 5.8861, 73.0436
YIQ	36.0440, -52.6030, 77.8050

Conversions

Conversions Part 2

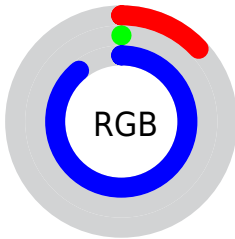
Format	Color
R_{YB}	34, 0, 227
Decimal	2228451
CIE Lab	29.12, 72.82, -97.28
CIE LCh	29, 121.518, 306.817
Yxy	5.8861, 0.1554, 0.0630
Android (android.graphics.Color)	4280418531 (0xFF2200E3)
YUV	36.0440, 94.1413, -1.7926
Hunter-Lab	24.2613, 64.4075, -161.5219

Details

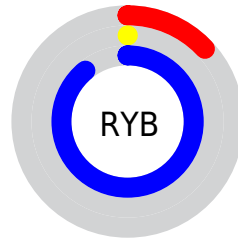
The XYZ color **14.5248, 5.8861, 73.0436** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **49.4559, 66.2729, 10.1854**, and the grayscale version is **1.6114, 1.6953, 1.8462**.

A 20% lighter version of the original color is **28.0023, 15.4192, 96.1081**, and **7.2557, 2.9023, 38.2080** is the 20% darker color. If you saturate the color by 10%, you get **14.5256, 5.8865, 73.0439**, and if you desaturate by 10%, it is **15.6507, 6.9126, 73.1827**.

Distribution



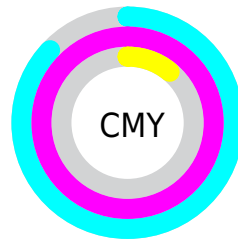
- Red (13%)
- Green (0%)
- Blue (89%)



- Red (13%)
- Yellow (0%)
- Blue (89%)



- Cyan (85%)
- Magenta (100%)
- Yellow (0%)
- Black (11%)



- Cyan (87%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5248, 5.8861, 73.0436 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 14.5248, 5.8861, 73.0436 by changing the saturation by 10% instead.

■ 14.5248, 5.8861,
73.0436

■ 14.5248, 5.8861,
73.0436

213.9175,
158.0580, 490.2407

■ 8.5707, 2.7759,
53.5196

■ 33.5959, 17.6943,
125.2606

■ 4.5171, 1.0159,
37.8271

■ 47.4436, 27.1612,
158.7906

■ 1.9986, 0.0000,
25.5478

■ 64.6532, 39.5158,
197.8265

■ 0.6332, 0.0000,
16.2629

■ 85.5901, 55.1425,
242.7866

■ 0.0000, 0.0000,
9.5540

■ 110.6197, 74.4256,
294.0895


■ 0.0000, 0.0000,
5.0026


■ 140.1072, 97.7497,

■ 0.0000, 0.0000,

352.1538

2.1900


 174.4180,
125.4990, 417.3980

 0.0000, 0.0000,
0.6686

 0.0000, 0.0000,
0.0000


 14.5248, 5.8861,
73.0436


 14.5248, 5.8861,
73.0436

 14.5256, 5.8865,
73.0439

 15.6507, 6.9126,
73.1827

 17.5377, 8.8551,
73.4581

 20.3436, 11.9634,
73.9102

 24.1716, 16.3875,
74.5624

■ 29.1108, 22.2546,
75.4345

■ 35.2401, 29.6768,
76.5441

■ 42.6313, 38.7549,
77.9068

■ 51.3503, 49.5813,
79.5370

■ 61.4583, 62.2415,
81.4479

Harmonies

Analogous

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



6.9338, 5.8861, 106.3829



14.5248, 5.8861, 73.0436



21.8300, 5.8861, 26.9911

Triad

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



14.5248, 5.8861, 73.0436



10.8212, 5.8861, 0.0000



0.1190, 5.8861, 10.6753

Complementary

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



14.5248, 5.8861, 73.0436



49.4559, 66.2729, 10.1854

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.



0.3375, 5.8861, 0.1660



14.5248, 5.8861, 73.0436



4.4399, 5.8861, 0.0000

Square

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



14.5248, 5.8861, 73.0436



18.8881, 5.8861, 0.0000



1.3698, 5.8861, 0.0000



0.6896, 5.8861, 46.5063

Rectangle

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



14.5248, 5.8861, 73.0436



23.9539, 5.8861, 8.2254



1.3698, 5.8861, 0.0000



0.1026, 5.8861, 4.8818

Sweetspot

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



14.5256, 5.8865, 73.0439



55.2967, 50.2029, 101.3834



33.7710, 45.3577, 79.6483



10.9207, 9.6180, 21.5308



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.



14.5256, 5.8865, 73.0439



18.8574, 7.6362, 95.0878



25.3261, 11.4544, 73.5494



13.7829, 13.9903, 18.1183



8.5317, 3.4641, 42.6021



0.6932, 0.2883, 3.1511

Inverse Universe

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



41.3018, 20.1802, 52.1575



53.7359, 26.2584, 67.7327



31.0571, 56.7880, 9.3243



14.8974, 14.5761, 17.6600



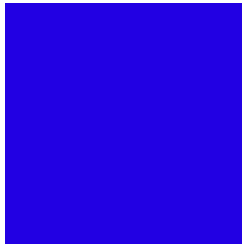
24.1218, 11.7829, 30.6001



1.8079, 0.8809, 2.3947

Previews

White Background



This preview shows how the XYZ color 14.5248, 5.8861, 73.0436 looks on a white background.

Color Contrast Check

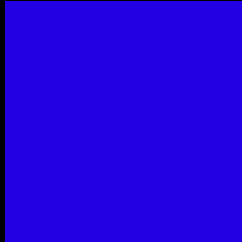
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5248, 5.8861, 73.0436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

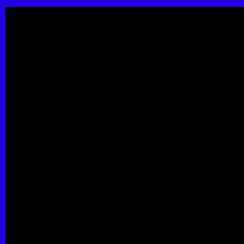
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5248, 5.8861, 73.0436

Background



This preview shows how black text looks on a background with the XYZ color 14.5248, 5.8861, 73.0436.



This preview shows how white text looks on a background with the XYZ color 14.5248, 5.8861,

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

14.5248, 5.8861, 73.0436

Protanopia

6.9496, 6.0872, 26.3999

Deuteranopia

5.7075, 5.9908, 18.6248



Tritanopia

4.2474, 6.0580, 8.9281

Trichromacy



Original Color

14.5248, 5.8861, 73.0436

Protanomaly

8.5583, 4.8230, 40.0150

Deuteranomaly

7.3866, 4.5354, 33.2870

Tritanomaly

5.6654, 4.1086, 23.4161

Monochromacy



Original Color

14.5248, 5.8861, 73.0436

Achromatopsia

1.6769, 1.7642, 1.9212

Achromatomaly

3.5493, 1.9900, 13.5616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5248, 5.8861, 73.0436 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(34, 0, 227)` looks like.

```
.text, #text, p{  
    color:rgb(34, 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(34, 0, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 0, 227) }
```

Border

The CSS property to change the border of an element to XYZ 14.5248, 5.8861, 73.0436 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(34, 0, 227) }
```


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

```
.border{ border-color:rgb(34, 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(34, 0, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 0, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 0, 227);  
box-shadow:4px 4px 4px 4px rgb(34, 0, 227)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.5248, 5.8861, 73.0436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 0, 227) }
```

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

```
.background{ background-color: rgb(34, 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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