

Converting Colors

XYZ(14.5226, 6.3699, 73.1371)

Have a look what the booklet for
XYZ(14.5226, 6.3699, 73.1371)
contains.

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Color

**XYZ(14.5226, 6.3699,
73.1371)**

Conversions

Conversions Part 1

Format	Color
Hex	1618E3
RGB	22, 24, 227
RGB Percent	9%, 9%, 89%
CMY	0.9136, 0.9059, 0.1098
CMYK	0.90, 0.89, 0.00, 0.11
HSL	239°, 82%, 49%
HSV	239°, 90%, 89%
XYZ	14.5226, 6.3699, 73.1371
YIQ	46.5440, -66.3550, 62.7090

Conversions

Conversions Part 2

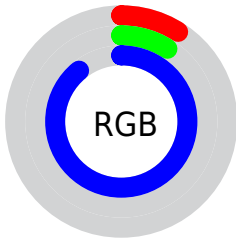
Format	Color
R_{YB}	22, 24, 227
Decimal	1448163
CIE Lab	30.33, 67.62, -95.28
CIE LCh	30, 116.836, 305.362
Yxy	6.3699, 0.1544, 0.0677
Android (android.graphics.Color)	4279638243 (0xFF1618E3)
YUV	46.5440, 88.9648, -21.5251
Hunter-Lab	25.2387, 58.5432, -154.1447

Details

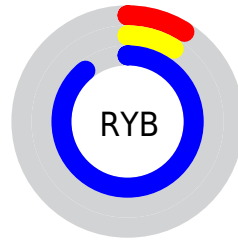
The XYZ color **14.5226, 6.3699, 73.1371** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **58.7598, 70.2610, 11.2254**, and the grayscale version is **2.5693, 2.7031, 2.9437**.

A 20% lighter version of the original color is **28.0484, 16.5250, 96.3191**, and **7.2557, 2.9023, 38.2080** is the 20% darker color. If you saturate the color by 10%, you get **13.8887, 5.5932, 73.0209**, and if you desaturate by 10%, it is **15.9312, 8.0891, 73.3950**.

Distribution



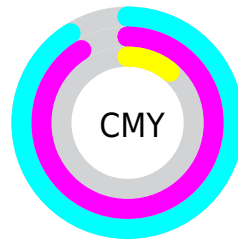
- Red (9%)
- Green (9%)
- Blue (89%)



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



- Cyan (90%)
- Magenta (89%)
- Yellow (0%)
- Black (11%)



- Cyan (91%)
- Magenta (91%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5226, 6.3699, 73.1371 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 14.5226, 6.3699, 73.1371 by changing the saturation by 10% instead.

■ 14.5226, 6.3699,
73.1371

■ 14.5226, 6.3699,
73.1371

213.9043,
162.3204, 490.5734

■ 8.5692, 3.0713,
53.5956

■ 33.5921, 18.6939,
125.3945

■ 4.5161, 1.1691,
37.8874

■ 47.4388, 28.4881,
158.9475

■ 1.9980, 0.0362,
25.5942

■ 64.6473, 41.2162,
198.0081

■ 0.6329, 0.0000,
16.2973

■ 85.5830, 57.2627,
242.9948

■ 0.0000, 0.0000,
9.5781

■ 110.6111, 77.0120,
294.3261


■ 0.0000, 0.0000,
5.0182


■ 140.0972,


■ 0.0000, 0.0000,


100.8485, 352.4206


2.1990


 174.4065,
129.1564, 417.6968

 0.0000, 0.0000,
0.6738


 0.0000, 0.0000,
0.0000


 14.5226, 6.3699,
73.1371


 14.5226, 6.3699,
73.1371

 13.8887, 5.5932,
73.0209

 15.9312, 8.0891,
73.3950

 18.3351, 11.0056,
73.8312

 21.8732, 15.2839,
74.4705

 26.6621, 21.0628,
75.3336

■ 32.8039, 28.4640,
76.4384

■ 40.3902, 37.5967,
77.8014

■ 49.5046, 48.5606,
79.4372

■ 60.2243, 61.4480,
81.3598

■ 72.6214, 76.3449,
83.5818

Harmonies

Analogous

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



7.1028, 6.3699, 102.7920



14.5226, 6.3699, 73.1371



21.7622, 6.3699, 28.9334

Triad

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



14.5226, 6.3699, 73.1371



11.6532, 6.3699, 0.0000



0.3514, 6.3699, 10.1865

Complementary

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



14.5226, 6.3699, 73.1371



58.7598, 70.2610, 11.2254

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.



0.5986, 6.3699, 0.2504



14.5226, 6.3699, 73.1371



5.1146, 6.3699, 0.0000

Square

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



14.5226, 6.3699, 73.1371



19.5140, 6.3699, 0.0000



1.7515, 6.3699, 0.0000



0.8654, 6.3699, 43.6695

Rectangle

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



14.5226, 6.3699, 73.1371



24.0250, 6.3699, 9.6992



1.7515, 6.3699, 0.0000



0.3483, 6.3699, 4.7544

Sweetspot

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



14.5232, 6.3699, 73.1373



56.0659, 53.1373, 101.9093



41.1989, 60.4686, 79.7259



11.1815, 10.3882, 21.6657



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.



14.5232, 6.3699, 73.1373



18.0765, 7.2729, 95.0588



22.0518, 10.1932, 73.4785



13.5939, 13.9091, 18.1126



8.1047, 3.2715, 42.5875



0.6028, 0.2496, 3.1484

Inverse Universe

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



32.1309, 16.9719, 2.4461



41.2534, 21.2653, 2.0004



36.5061, 59.5803, 10.3367



14.3826, 14.3702, 14.9491



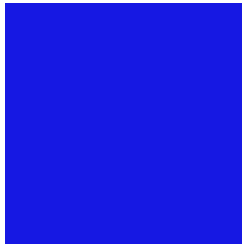
18.4844, 9.5280, 0.9139



1.3679, 0.7049, 0.0780

Previews

White Background



This preview shows how the XYZ color 14.5226, 6.3699, 73.1371 looks on a white background.

Color Contrast Check

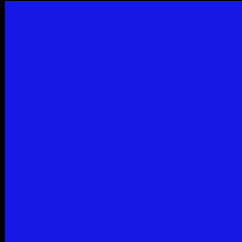
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5226, 6.3699, 73.1371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

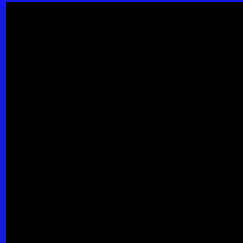
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5226, 6.3699, 73.1371

Background



This preview shows how black text looks on a background with the XYZ color 14.5226, 6.3699, 73.1371.



This preview shows how white text looks on a background with the XYZ color 14.5226, 6.3699,

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

14.5226, 6.3699, 73.1371

Protanopia

7.1622, 6.2699, 27.2183

Deuteranopia

5.9616, 6.3027, 19.3147



Tritanopia

4.3573, 6.2165, 9.1539

Trichromacy



Original Color

14.5226, 6.3699, 73.1371

Protanomaly

9.0132, 5.6538, 40.6606

Deuteranomaly

7.8595, 5.4180, 33.8893

Tritanomaly

6.0373, 4.9288, 23.5548

Monochromacy



Original Color

14.5226, 6.3699, 73.1371

Achromatopsia

2.7019, 2.8426, 3.0956

Achromatomaly

4.4495, 3.0330, 15.6801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5226, 6.3699, 73.1371 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(22, 24, 227)` looks like.

```
.text, #text, p{  
    color:rgb(22, 24, 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(22, 24, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 24, 227) }
```

Border

The CSS property to change the border of an element to XYZ 14.5226, 6.3699, 73.1371 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(22, 24, 227) }
```


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

```
.border{ border-color:rgb(22, 24, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 24, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 24, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 24, 227);  
box-shadow:4px 4px 4px 4px rgb(22, 24,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5226, 6.3699, 73.1371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 24, 227) }
```

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

```
.background{ background-color: rgb(22, 24,  
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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