

Converting Colors

XYZ(14.4202, 6.2116, 74.5686)

Have a look what the booklet for
XYZ(14.4202, 6.2116, 74.5686)
contains.

XYZ(14.4110, 6.1935, 74.5647)	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(14.4110, 6.1935,
74.5647)**

Conversions

Conversions Part 1

Format	Color
Hex	0015E5
RGB	0, 21, 229
RGB Percent	0%, 8%, 90%
CMY	0.9998, 0.9177, 0.1020
CMYK	1.00, 0.91, 0.00, 0.10
HSL	235°, 100%, 45%
HSV	235°, 100%, 90%
XYZ	14.4110, 6.1935, 74.5647
YIQ	38.4330, -79.2840, 60.2360

Conversions

Conversions Part 2

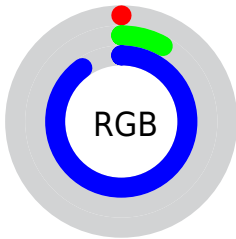
Format	Color
RYB	0, 19, 229
Decimal	5605
CIELab	29.90, 68.79, -97.16
CIELCh	30, 119.046, 305.300
Yxy	6.1935, 0.1514, 0.0651
Android (android.graphics.Color)	4278195685 (0xFF0015E5)
YUV	38.4330, 93.9495, -33.7057
Hunter-Lab	24.8867, 59.8110, -160.2217

Details

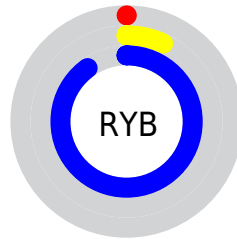
The XYZ color **14.4110, 6.1935, 74.5647** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **54.8855, 61.8021, 9.0378**, and the grayscale version is **1.8077, 1.9018, 2.0711**.

A 20% lighter version of the original color is **27.4445, 15.8996, 96.2302**, and **7.4464, 2.9786, 39.2122** is the 20% darker color. If you saturate the color by 10%, you get **14.4100, 6.1913, 74.5646**, and if you desaturate by 10%, it is **15.3160, 7.4803, 74.7656**.

Distribution



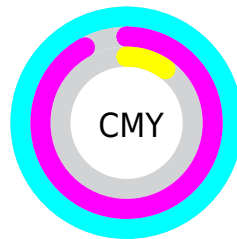
- Red (0%)
- Green (8%)
- Blue (90%)



- Red (0%)
- Yellow (7%)
- Blue (90%)



- Cyan (100%)
- Magenta (91%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (92%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4110, 6.1935, 74.5647 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 14.4110, 6.1935, 74.5647 by changing the saturation by 10% instead.

■ 14.4110, 6.1935,
74.5647

■ 14.4110, 6.1935,
74.5647

213.2327,
160.7834, 495.6355

■ 8.4907, 2.9631,
54.7568

■ 33.3967, 18.3313,
127.4374

■ 4.4649, 1.1125,
38.8097

■ 47.1929, 28.0075,
161.3393

■ 1.9684, 0.0000,
26.3050

■ 64.3450, 40.6010,
200.7762

■ 0.6161, 0.0000,
16.8242

■ 85.2184, 56.4964,
246.1667

■ 0.0000, 0.0000,
9.9486

■ 110.1786, 76.0779,
297.9293

■ 0.0000, 0.0000,
5.2597


■ 139.5908, 99.7300,

■ 0.0000, 0.0000,


356.4827


2.3391


 173.8204,
127.8370, 422.2452


 0.0000, 0.0000,
0.7530


 0.0000, 0.0000,
0.0000


 14.4110, 6.1935,
74.5647

 14.4110, 6.1935,
74.5647

 14.4100, 6.1913,
74.5646

 15.3160, 7.4803,
74.7656

 17.0187, 9.7457,
75.1132

 19.7044, 13.1626,
75.6312

 23.4941, 17.8586,
76.3378

■ 28.4910, 23.9443,
77.2491

■ 34.7864, 31.5184,
78.3793

■ 42.4628, 40.6704,
79.7412

■ 51.5957, 51.4828,
81.3468

■ 62.2553, 64.0324,
83.2073

Harmonies

Analogous

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



6.9240, 6.1935, 105.1165



14.4110, 6.1935, 74.5647



21.7824, 6.1935, 29.1322

Triad

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



14.4110, 6.1935, 74.5647



11.5378, 6.1935, 0.0000



0.2520, 6.1935, 9.9641

Complementary

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



14.4110, 6.1935, 74.5647



54.8855, 61.8021, 9.0378

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.



0.5055, 6.1935, 0.1258



14.4110, 6.1935, 74.5647



4.9586, 6.1935, 0.0000

Square

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



14.4110, 6.1935, 74.5647



19.5172, 6.1935, 0.0000



1.6336, 6.1935, 0.0000



0.7739, 6.1935, 44.0525

Rectangle

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



14.4110, 6.1935, 74.5647



24.1007, 6.1935, 9.5574



1.6336, 6.1935, 0.0000



0.2494, 6.1935, 4.5447

Sweetspot

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



14.4116, 6.1935, 74.5649



53.9778, 51.6497, 101.7322



39.1736, 60.5006, 68.0731



10.6200, 9.9445, 21.6097



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.



14.4116, 6.1935, 74.5649



18.3627, 7.8455, 95.1542



18.5206, 7.9148, 74.6806



13.6883, 14.0979, 18.1441



8.2763, 3.6147, 42.6447



0.6482, 0.3403, 3.1635

Inverse Universe

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



32.4491, 16.7134, 2.2247



41.3979, 21.3231, 2.7612



38.4056, 61.3931, 9.8275



14.4302, 14.3893, 15.2001



18.5710, 9.5626, 1.3699



1.3908, 0.7140, 0.1984

Previews

White Background



This preview shows how the XYZ color 14.4110, 6.1935, 74.5647 looks on a white background.

Color Contrast Check

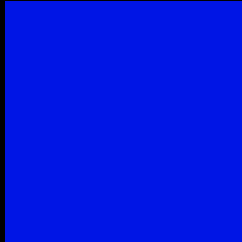
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4110, 6.1935, 74.5647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

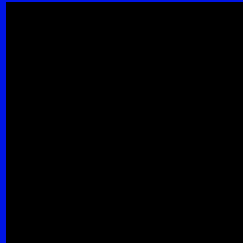
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4110, 6.1935, 74.5647

Background



This preview shows how black text looks on a background with the XYZ color 14.4110, 6.1935, 74.5647.



This preview shows how white text looks on a background with the XYZ color 14.4110, 6.1935,

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

14.4110, 6.1935, 74.5647

Protanopia

7.0250, 6.1174, 26.7971

Deuteranopia

5.8337, 6.1456, 18.9679



Tritanopia

4.3190, 6.2012, 8.9520

Trichromacy



Original Color

14.4110, 6.1935, 74.5647

Protanomaly

8.8238, 5.4236, 40.6262

Deuteranomaly

7.6643, 5.1764, 33.8529

Tritanomaly

5.8862, 4.7754, 23.5332

Monochromacy



Original Color

14.4110, 6.1935, 74.5647

Achromatopsia

1.8423, 1.9382, 2.1107

Achromatomaly

3.5470, 2.2888, 14.1647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4110, 6.1935, 74.5647 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, 21, 229)` looks like.

```
.text, #text, p{  
    color:rgb(0, 21, 229)  
}
```

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, 21, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 21, 229) }
```

Border

The CSS property to change the border of an element to XYZ 14.4110, 6.1935, 74.5647 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, 21, 229) }
```


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

```
.border{ border-color:rgb(0, 21, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 21, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 21, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 21, 229);  
box-shadow:4px 4px 4px 4px rgb(0, 21, 229)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.4110, 6.1935, 74.5647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 21, 229) }
```

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

```
.background{ background-color: rgb(0, 21,  
229) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor