

Converting Colors

XYZ(15.4019, 6.6344, 79.0666)

Have a look what the booklet for
XYZ(15.4019, 6.6344, 79.0666)
contains.

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Color

**XYZ(15.4075, 6.6365,
79.0662)**

Conversions

Conversions Part 1

Format	Color
Hex	0A16EB
RGB	10, 22, 235
RGB Percent	4%, 9%, 92%
CMY	0.9605, 0.9138, 0.0784
CMYK	0.96, 0.91, 0.00, 0.08
HSL	237°, 92%, 48%
HSV	237°, 96%, 92%
XYZ	15.4075, 6.6365, 79.0662
YIQ	42.6940, -75.5250, 63.6990

Conversions

Conversions Part 2

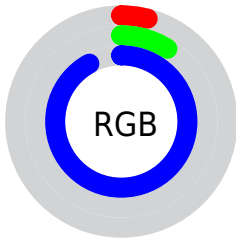
Format	Color
R _Y B	10, 21, 235
Decimal	661227
CIE Lab	30.96, 70.19, -98.79
CIE LCh	31, 121.190, 305.394
Yxy	6.6365, 0.1524, 0.0656
Android (android.graphics.Color)	4278851307 (0xFF0A16EB)
YUV	42.6940, 94.8069, -28.6726
Hunter-Lab	25.7614, 61.6756, -163.9383




Details

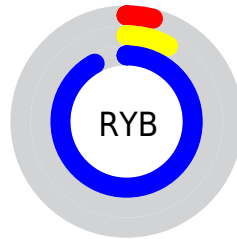
The XYZ color **15.4075, 6.6365, 79.0662** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **60.7247, 70.5013, 10.6966**, and the grayscale version is **2.1859, 2.2997, 2.5044**.




A 20% lighter version of the original color is **27.9768, 16.3818, 96.2952**, and **7.9358, 3.1743, 41.7894** is the 20% darker color. If you saturate the color by 10%, you get **15.1325, 6.2723, 79.0107**, and if you desaturate by 10%, it is **16.5506, 8.1504, 79.2984**.

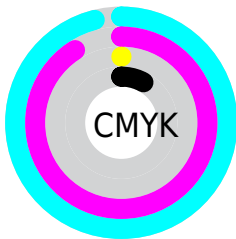
Distribution







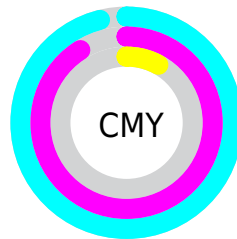
-  Red (4%)
-  Green (9%)
-  Blue (92%)






-  Red (4%)
-  Yellow (8%)
-  Blue (92%)



-  Cyan (96%)
-  Magenta (91%)
-  Yellow (0%)
-  Black (8%)



-  Cyan (96%)
-  Magenta (91%)
-  Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4075, 6.6365, 79.0662 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 15.4075, 6.6365, 79.0662 by changing the saturation by 10% instead.

■ 15.4075, 6.6365,
79.0662

■ 15.4075, 6.6365,
79.0662

219.1594,
164.6082, 511.4038

■ 9.1940, 3.2358,
58.4286

■ 35.1323, 19.2381,
133.8516

■ 4.9261, 1.2561,
41.7363

■ 49.3744, 29.2079,
168.8364

■ 2.2383, 0.1068,
28.5709

■ 67.0234, 42.1361,
209.4407

■ 0.7628, 0.0000,
18.5136

■ 88.4446, 58.4072,
256.0831

■ 0.0000, 0.0000,
11.1461

■ 114.0035, 78.4055,
309.1821


■ 0.0000, 0.0000,
6.0498


■ 144.0653,

■ 0.0000, 0.0000,


102.5156, 369.1562

2.8061


 178.9955,
131.1217, 436.4239

 0.0000, 0.0000,
0.9965


 0.0000, 0.0000,
0.0000


 15.4075, 6.6365,
79.0662


 15.4075, 6.6365,
79.0662

 15.1325, 6.2723,
79.0107

 16.5506, 8.1504,
79.2984

 18.6639, 10.8247,
79.7033

 21.9034, 14.8318,
80.3060

 26.3970, 20.3153,
81.1275

■ 32.2555, 27.4001,
82.1863

■ 39.5773, 36.1981,
83.4986

■ 48.4518, 46.8109,
85.0793

■ 58.9612, 59.3322,
86.9423

■ 71.1819, 73.8495,
89.1003

Harmonies

Analogous

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



7.4338, 6.6365, 111.5610



15.4075, 6.6365, 79.0662



23.2312, 6.6365, 30.9023

Triad

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



15.4075, 6.6365, 79.0662



12.2983, 6.6365, 0.0000



0.3128, 6.6365, 10.7252

Complementary

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



15.4075, 6.6365, 79.0662



60.7247, 70.5013, 10.6966

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.



0.5684, 6.6365, 0.2046



15.4075, 6.6365, 79.0662



5.3016, 6.6365, 0.0000

Square

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



15.4075, 6.6365, 79.0662



20.7829, 6.6365, 0.0000



1.7584, 6.6365, 0.0000



0.8465, 6.6365, 47.0147

Rectangle

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



15.4075, 6.6365, 79.0662



25.6786, 6.6365, 10.1571



1.7584, 6.6365, 0.0000



0.3093, 6.6365, 4.9212

Sweetspot

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



15.4081, 6.6365, 79.0665



54.4604, 51.7350, 101.7232



42.7533, 64.6494, 77.9387



10.6872, 9.9136, 21.6002



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.



15.4081, 6.6365, 79.0665



18.2006, 7.5212, 95.1002



21.2329, 9.3759, 79.2882



14.2953, 14.6769, 19.0017



8.4498, 3.5466, 43.9822



0.6861, 0.3237, 3.4612

Inverse Universe

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



34.5150, 17.9386, 2.4018



41.3160, 21.2904, 2.3303



40.1670, 64.8021, 10.6801



15.0978, 15.0670, 15.8005



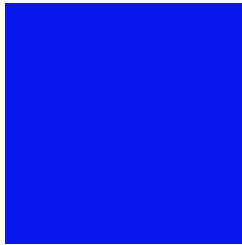
19.1204, 9.8508, 1.1692



1.5128, 0.7781, 0.1520

Previews

White Background



This preview shows how the XYZ color 15.4075, 6.6365, 79.0662 looks on a white background.

Color Contrast Check

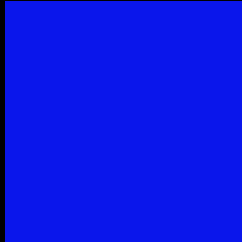
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4075, 6.6365, 79.0662 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 15.4075, 6.6365, 79.0662

Background



This preview shows how black text looks on a background with the XYZ color 15.4075, 6.6365, 79.0662.



This preview shows how white text looks on a background with the XYZ color 15.4075, 6.6365,

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

15.4075, 6.6365, 79.0662

Protanopia

7.5355, 6.5184, 28.8780

Deuteranopia

6.2177, 6.5128, 20.3314



Tritanopia

4.5821, 6.5407, 9.6153

Trichromacy



Original Color

15.4075, 6.6365, 79.0662

Protanomaly

9.5614, 5.8673, 43.8086

Deuteranomaly

8.2558, 5.5708, 36.2374

Tritanomaly

6.3996, 5.1510, 25.4679

Monochromacy



Original Color

15.4075, 6.6365, 79.0662

Achromatopsia

2.2962, 2.4158, 2.6308

Achromatomaly

4.1467, 2.6856, 15.9226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4075, 6.6365, 79.0662 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(10, 22, 235)` looks like.

```
.text, #text, p{  
    color:rgb(10, 22, 235)  
}
```

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(10, 22, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 22, 235) }
```

Border

The CSS property to change the border of an element to XYZ 15.4075, 6.6365, 79.0662 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(10, 22, 235) }
```


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

```
.border{ border-color:rgb(10, 22, 235) }
```

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

Here you see how a box with a 4 pixel rgb(10, 22, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 22, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 22, 235);  
box-shadow:4px 4px 4px 4px rgb(10, 22,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4075, 6.6365, 79.0662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 22, 235) }
```

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

```
.background{ background-color: rgb(10, 22,  
235) }
```

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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