

Converting Colors

YUV(71.0860, 70.4566, 35.0046)

Have a look what the booklet for
YUV(71.0860, 70.4566, 35.0046)
contains.

YUV(71.0860, 70.4566, 35.0046)	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

**YUV(71.0860, 70.4566,
35.0046)**

Conversions

Conversions Part 1

Format	Color
Hex	6F17D6
RGB	111, 23, 214
RGB Percent	44%, 9%, 84%
CMY	0.5647, 0.9098, 0.1608
CMYK	0.48, 0.89, 0.00, 0.16
HSL	268°, 81%, 46%
HSV	268°, 89%, 84%
XYZ	18.9995, 8.8473, 64.3246
YIQ	71.0860, -8.8630, 78.0570

Conversions

Conversions Part 2

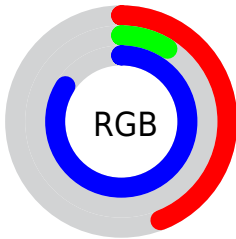
Format	Color
RYB	111, 23, 214
Decimal	7280598
CIELab	35.69, 69.56, -78.70
CIElCh	36, 105.030, 311.471
Yxy	8.8473, 0.2061, 0.0960
Android (android.graphics.Color)	4285470678 (0xFF6F17D6)
YUV	71.0860, 70.4566, 35.0046
Hunter-Lab	29.7445, 61.9656, -107.3979

Details

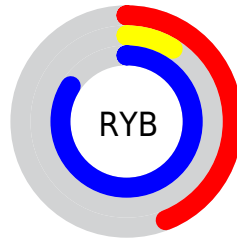
The YUV color **71.0860, 70.4566, 35.0046** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **165.9140, -70.4566, -35.0046**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.3930, 61.4313, 36.4893**, and **30.8690, 62.6756, 10.6389** is the 20% darker color. If you saturate the color by 10%, you get **55.1710, 78.3027, 38.4380**, and if you desaturate by 10%, it is **87.0010, 62.6105, 31.5711**.

Distribution



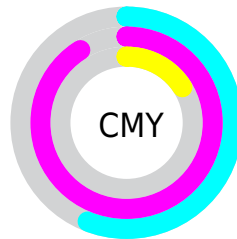
- Red (44%)
- Green (9%)
- Blue (84%)



- Red (44%)
- Yellow (9%)
- Blue (84%)



- Cyan (48%)
- Magenta (89%)
- Yellow (0%)
- Black (16%)



- Cyan (56%)
- Magenta (91%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.0860, 70.4566, 35.0046 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 YUV color 71.0860, 70.4566, 35.0046 by changing the saturation by 10% instead.

71.0860, 70.4566,
35.0046

71.0860, 70.4566,
35.0046

255.0000, 0.0000,
0.0000

44.8250, 69.5993,
29.9715

130.3930, 61.4313,
36.4893

30.8690, 62.6756,
10.6389

155.2120, 49.1955,
41.0331

14.9340, 57.2205,
-13.0971

180.9170, 36.5229,
45.6768

11.8560, 45.4270,
-10.3977

203.9310, 25.1770,
44.7875

11.3540, 33.3495,
-9.9575

220.3670, 17.0741,
30.3731

9.2050, 22.5769,
-8.0728

237.3900, 8.6817,

4.9360, 13.8356,

15.4440

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 71.0860, 70.4566,
35.0046

■ 71.0860, 70.4566,
35.0046

■ 55.1710, 78.3027,
38.4380

■ 87.0010, 62.6105,
31.5711

■ 53.9970, 78.8815,
39.4676

■ 103.2040, 54.6224,
27.0081

■ 119.1190, 46.7763,
23.5746

■ 135.3220, 38.7883,
19.0116

■ 151.2370, 30.9422,
15.5782

■ 166.8530, 23.2435,
11.5299

■ 183.3550, 15.1080,
7.5817

■ 198.9710, 7.4093,
3.5334

■ 215.4730, -0.7262,
-0.4148

Harmonies

Analogous

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



81.3130, 85.6277, -71.3115



71.0860, 70.4566, 35.0046



75.1620, 31.9651, 107.7289

Triad

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



71.0860, 70.4566, 35.0046



77.1020, -38.0113, 58.6695



78.9680, 18.2568, -69.2549

Complementary

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



71.0860, 70.4566, 35.0046



165.9140, -70.4566, -35.0046

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.



66.3770, -22.3709, -58.2126



71.0860, 70.4566, 35.0046



75.2440, -37.0953, -1.9680

Square

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



71.0860, 70.4566, 35.0046



58.0060, -28.5970, 119.2667



61.0480, -30.0967, -53.5391



88.7890, 53.3480, -77.8680

Rectangle

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



71.0860, 70.4566, 35.0046



74.1600, 4.8511, 124.3937



61.0480, -30.0967, -53.5391



74.9610, 5.4422, -65.7408

Sweetspot

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



71.0860, 70.4566, 35.0046



203.4340, 25.4220, 12.7744



106.4090, 53.0424, -73.1497



97.0560, 15.2554, 6.9669



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.0860, 70.4566, 35.0046



64.0530, 94.1369, 46.4345



98.8930, 56.7478, 92.1788



98.7490, 4.0677, 1.9741



43.1150, 63.0473, 31.4711



10.8820, 15.8342, 7.9965

Inverse Universe

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



91.8510, 16.8355, 107.1247



91.9770, 22.6893, 142.9712



138.1070, -56.7478, -92.1788



99.9730, 0.9993, 6.1627



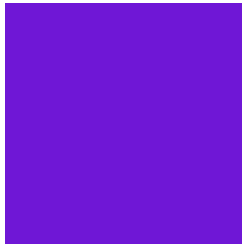
61.6170, 14.9788, 95.9289



15.4790, 3.7079, 24.1359

Previews

White Background



This preview shows how the YUV color 71.0860, 70.4566, 35.0046 looks on a white background.

Color Contrast Check

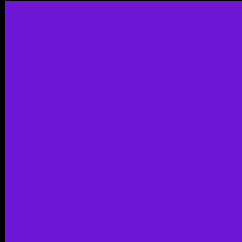
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 71.0860, 70.4566, 35.0046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

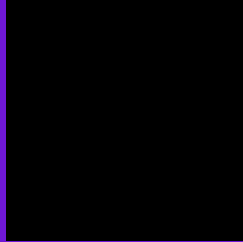
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.0860, 70.4566, 35.0046

Background



This preview shows how black text looks on a background with the YUV color 71.0860, 70.4566, 35.0046.



This preview shows how white text looks on a background with the YUV color 71.0860, 70.4566,

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

71.0860, 70.4566, 35.0046

Protanopia

67.7420, 51.3992, -59.4097

Deuteranopia

67.8270, 39.0323, -59.4843



Tritanopia

84.0040, 3.9420, -4.3885

Trichromacy



Original Color

71.0860, 70.4566, 35.0046

Protanomaly

69.0850, 58.1321, -25.5075

Deuteranomaly

69.0220, 50.2752, -25.4523

Tritanomaly

79.1070, 28.0482, 10.4302

Monochromacy



Original Color

71.0860, 70.4566, 35.0046

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.4340, 25.4220, 12.7744

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.0860, 70.4566, 35.0046 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(111, 23, 214)` looks like.

```
.text, #text, p{  
    color:rgb(111, 23, 214)  
}
```

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(111, 23, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 23, 214) }
```

Border

The CSS property to change the border of an element to YUV 71.0860, 70.4566, 35.0046 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(111, 23, 214) }
```


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

```
.border{ border-color:rgb(111, 23, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 23, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 23, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 23, 214);  
box-shadow:4px 4px 4px 4px rgb(111, 23,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 71.0860, 70.4566, 35.0046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 23, 214) }
```

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

```
.background{ background-color: rgb(111, 23,  
214) }
```

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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