

Converting Colors

YUV(46.0670, 12.2920, 70.9782)

Have a look what the booklet for
YUV(46.0670, 12.2920, 70.9782)
contains.

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Color

**YUV(46.0670, 12.2920,
70.9782)**

Conversions

Conversions Part 1

Format	Color
Hex	7F0047
RGB	127, 0, 71
RGB Percent	50%, 0%, 28%
CMY	0.5020, 1.0000, 0.7216
CMYK	0.00, 1.00, 0.44, 0.50
HSL	326°, 100%, 25%
HSV	326°, 100%, 50%
XYZ	9.8897, 4.9670, 6.3987
YIQ	46.0670, 52.9010, 49.0050

Conversions

Conversions Part 2

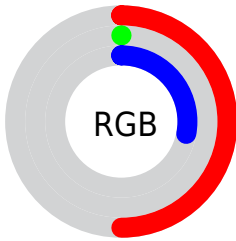
Format	Color
R_{YB}	127, 0, 71
Decimal	8323143
CIE _{Lab}	26.64, 51.38, -4.24
CIE _{LCh}	27, 51.552, 355.283
Yxy	4.9670, 0.4653, 0.2337
Android (android.graphics.Color)	4286513223 (0xFF7F0047)
YUV	46.0670, 12.2920, 70.9782
Hunter-Lab	22.2867, 40.2078, -1.4220

Details

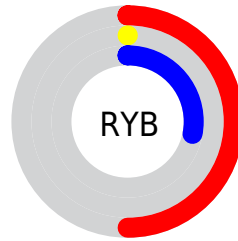
The YUV color **46.0670, 12.2920, 70.9782** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **80.9330, -12.2920, -70.9782**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.0850, 4.8881, 65.7005**, and **24.7200, 1.6170, 41.4646** is the 20% darker color. If you saturate the color by 10%, you get **46.0670, 12.2920, 70.9782**, and if you desaturate by 10%, it is **54.3820, 11.1507, 63.6860**.

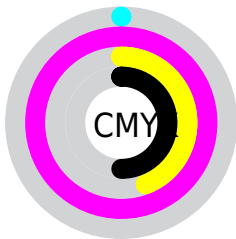
Distribution



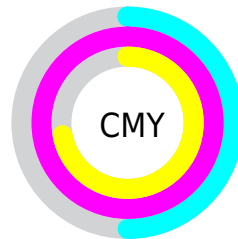
- Red (50%)
- Green (0%)
- Blue (28%)



- Red (50%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (44%)
- Black (50%)



- Cyan (50%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.0670, 12.2920, 70.9782 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 46.0670, 12.2920, 70.9782 by changing the saturation by 10% instead.

■ 46.0670, 12.2920,
70.9782

■ 46.0670, 12.2920,
70.9782

■ 255.0000, 0.0000,
0.0000

■ 35.1870, 6.8098,
55.9640

■ 109.0850, 4.8881,
65.7005

■ 24.7200, 1.6170,
41.4646

■ 136.5690, 4.1565,
67.0300

■ 14.5800, -6.2019,
29.3093

■ 164.3520, 3.2775,
68.9743

■ 0.0000, 0.0000,
0.0000

■ 186.9810, 5.9254,
59.6527

■ 206.6090, 10.0528,
42.4389

■ 226.8240, 13.8908,

24.7104

■ 243.8470, 5.4984,
9.7812

■ 46.0670, 12.2920,
70.9782

■ 54.3820, 11.1507,
63.6860

■ 61.9960, 9.8620,
57.0085

■ 70.3110, 8.7207,
49.7163

■ 78.5120, 7.1426,
42.5240

■ 86.8270, 6.0013,
35.2317

■ 94.5550, 5.1494,
28.4543

■ 102.7560, 3.5713,
21.2620

■ 111.0710, 2.4300,
13.9697

■ 118.6850, 1.1413,
7.2923

Harmonies

Analogous

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



61.8930, 22.7308, 36.0508



46.0670, 12.2920, 70.9782



48.9640, -8.3633, 69.3146

Triad

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



46.0670, 12.2920, 70.9782



55.1430, -27.1855, -7.1414



59.7910, 33.6270, -52.4367

Complementary

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



46.0670, 12.2920, 70.9782



80.9330, -12.2920, -70.9782

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.



57.3170, 19.0707, -50.2670



46.0670, 12.2920, 70.9782



45.8660, -17.1889, -40.2245

Square

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



46.0670, 12.2920, 70.9782



59.4500, -29.3088, 20.6534



52.6430, 1.1620, -46.1679



57.3920, 42.2047, -50.3328

Rectangle

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



46.0670, 12.2920, 70.9782



55.4080, -25.3441, 55.7702



52.6430, 1.1620, -46.1679



59.3520, 29.4065, -52.0517

Sweetspot

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



46.0670, 12.2920, 70.9782



134.1420, 4.8600, 27.9395



30.9230, 47.3660, 21.1155



64.9080, 3.0034, 16.7437



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



46.0670, 12.2920, 70.9782



60.2360, 16.1527, 92.7550



38.8850, -15.2263, 77.2769



59.5490, 0.7153, 3.9035



46.3660, 12.1446, 71.5930



0.0000, 0.0000, 0.0000

Inverse Universe

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



46.0670, 12.2920, 70.9782



60.2360, 16.1527, 92.7550



88.1150, 15.2263, -77.2769



59.5490, 0.7153, 3.9035



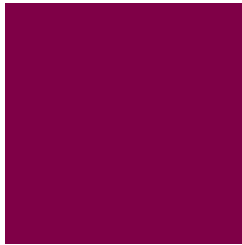
46.3660, 12.1446, 71.5930



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 46.0670, 12.2920, 70.9782 looks on a white background.

Color Contrast Check

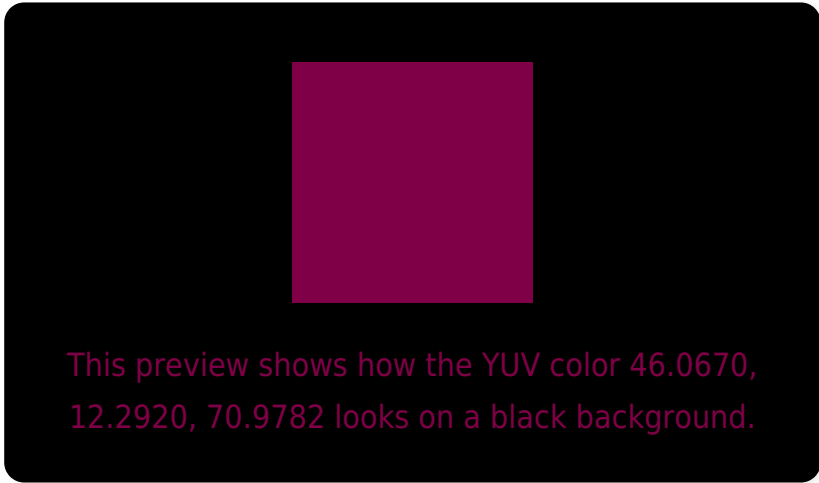
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

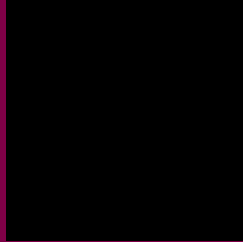
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.0670, 12.2920, 70.9782

Background



This preview shows how black text looks on a background with the YUV color 46.0670, 12.2920, 70.9782.



This preview shows how white text looks on a background with the YUV color 46.0670, 12.2920,

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

46.0670, 12.2920, 70.9782

Protanopia

65.9290, 17.7830, -10.4617

Deuteranopia

66.9190, -0.4531, 5.3330



Tritanopia

57.1170, -13.8617, 59.5334

Trichromacy



Original Color

46.0670, 12.2920, 70.9782

Protanomaly

58.6600, 15.9436, 19.5922

Deuteranomaly

59.6260, 4.1284, 29.2690

Tritanomaly

53.2560, -4.5632, 63.7965

Monochromacy



Original Color

46.0670, 12.2920, 70.9782

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.7180, 4.5760, 25.6803

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.0670, 12.2920, 70.9782 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(127, 0, 71)` looks like.

```
.text, #text, p{  
    color:rgb(127, 0, 71)  
}
```

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(127, 0, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 0, 71) }
```

Border

The CSS property to change the border of an element to YUV 46.0670, 12.2920, 70.9782 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(127, 0, 71) }
```


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

```
.border{ border-color:rgb(127, 0, 71) }
```

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

Here you see how a box with a 4 pixel rgb(127, 0, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 0, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 0, 71);  
box-shadow:4px 4px 4px 4px rgb(127, 0, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.0670, 12.2920, 70.9782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 0, 71) }
```

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

```
.background{ background-color: rgb(127, 0,  
71) }
```

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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