

Converting Colors

YUV(41.4680, 14.0663, 61.8566)

Have a look what the booklet for
YUV(41.4680, 14.0663, 61.8566)
contains.

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Color

**YUV(41.4680, 14.0663,
61.8566)**

Conversions

Conversions Part 1

Format	Color
Hex	700046
RGB	112, 0, 70
RGB Percent	44%, 0%, 27%
CMY	0.5608, 1.0000, 0.7255
CMYK	0.00, 1.00, 0.37, 0.56
HSL	322°, 100%, 22%
HSV	322°, 100%, 44%
XYZ	7.7876, 3.8869, 6.1342
YIQ	41.4680, 44.2820, 45.5140

Conversions

Conversions Part 2

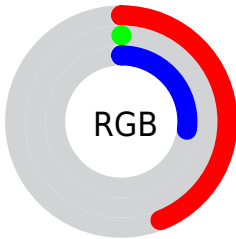
Format	Color
R_{YB}	112, 0, 70
Decimal	7340102
CIE _{Lab}	23.29, 47.79, -8.92
CIE _{LCh}	23, 48.620, 349.426
Yxy	3.8869, 0.4373, 0.2183
Android (android.graphics.Color)	4285530182 (0xFF700046)
YUV	41.4680, 14.0663, 61.8566
Hunter-Lab	19.7153, 36.0059, -4.6465

Details

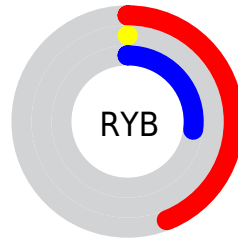
The YUV color **41.4680, 14.0663, 61.8566** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **70.5320, -14.0663, -61.8566**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.8390, 7.9674, 58.0232**, and **21.0180, 2.9491, 34.1872** is the 20% darker color. If you saturate the color by 10%, you get **41.4680, 14.0663, 61.8566**, and if you desaturate by 10%, it is **48.3810, 12.6302, 55.7939**.

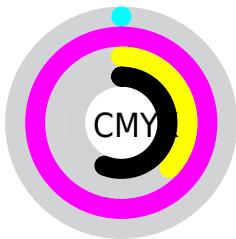
Distribution



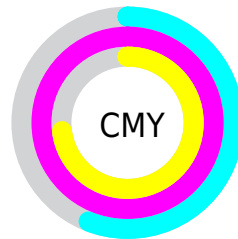
- Red (44%)
- Green (0%)
- Blue (27%)



- Red (44%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (37%)
- Black (56%)



- Cyan (56%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.4680, 14.0663, 61.8566 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 41.4680, 14.0663, 61.8566 by changing the saturation by 10% instead.

41.4680, 14.0663,
61.8566

41.4680, 14.0663,
61.8566

255.0000, 0.0000,
0.0000

30.8870, 8.4367,
47.4571

101.8390, 7.9674,
58.0232

21.0180, 2.9491,
34.1872

128.4370, 7.6726,
59.2528

9.9810, -4.4276,
20.1877

155.9210, 6.9409,
60.5823


0.0000, 0.0000,
0.0000


183.9320, 6.9355,
62.3266


203.5600, 11.0629,
45.1129


223.1880, 15.1903,

27.8991


 240.3250, 7.2348,
12.8700

 41.4680, 14.0663,
61.8566

 48.3810, 12.6302,
55.7939

 55.2940, 11.1941,
49.7312

 62.9080, 9.9054,
43.0537

 69.8210, 8.4692,
36.9910

 76.7340, 7.0331,
30.9283

■ 83.6470, 5.5970,
24.8656

■ 90.5600, 4.1609,
18.8029

■ 98.1740, 2.8722,
12.1254

■ 105.0870, 1.4361,
6.0627

Harmonies

Analogous

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



55.3540, 23.4895, 25.9995



41.4680, 14.0663, 61.8566



39.4460, -2.6849, 68.0149

Triad

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



41.4680, 14.0663, 61.8566



49.8600, -24.5810, -2.5082



53.1570, 28.5166, -46.6187

Complementary

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



41.4680, 14.0663, 61.8566



70.5320, -14.0663, -61.8566

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.



50.6830, 13.9603, -44.4490



41.4680, 14.0663, 61.8566



39.3290, -19.3892, -34.4915

Square

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



41.4680, 14.0663, 61.8566



52.6830, -25.9727, 23.9570



45.7640, -2.3487, -40.1350



52.1600, 37.3891, -45.7443

Rectangle

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



41.4680, 14.0663, 61.8566



46.8300, -18.6502, 55.4001



45.7640, -2.3487, -40.1350



52.6040, 23.8592, -46.1337

Sweetspot

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



41.4680, 14.0663, 61.8566



117.9350, 5.4550, 23.7360



25.0270, 42.8777, 14.0083



57.0110, 3.4456, 14.8994



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



41.4680, 14.0663, 61.8566



53.7290, 18.3746, 80.0447



35.1980, -9.9576, 67.3554



52.2500, 0.8628, 3.2888



44.4300, 15.0710, 66.2749



91.5230, 31.2942, 136.3533

Inverse Universe

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



41.4680, 14.0663, 61.8566



53.7290, 18.3746, 80.0447



76.8020, 9.9576, -67.3554



52.2500, 0.8628, 3.2888



44.4300, 15.0710, 66.2749



91.5230, 31.2942, 136.3533

Previews

White Background



This preview shows how the YUV color 41.4680, 14.0663, 61.8566 looks on a white background.

Color Contrast Check

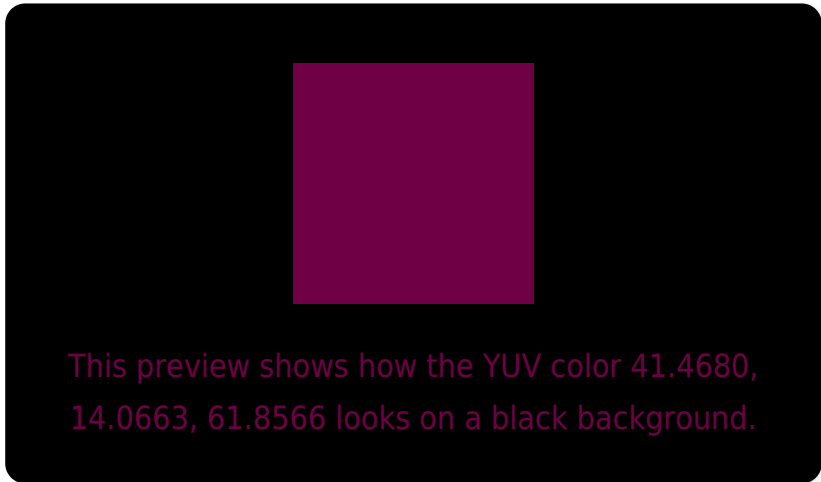
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.4680, 14.0663, 61.8566

Background



This preview shows how black text looks on a background with the YUV color 41.4680, 14.0663, 61.8566.



This preview shows how white text looks on a background with the YUV color 41.4680, 14.0663,

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

41.4680, 14.0663, 61.8566

Protanopia

58.0040, 20.7040, -14.0355

Deuteranopia

59.9940, 2.4680, 1.7593



Tritanopia

52.3330, -11.5032, 49.6970

Trichromacy



Original Color

41.4680, 14.0663, 61.8566

Protanomaly

51.8980, 18.2913, 13.2445

Deuteranomaly

53.2770, 6.7654, 23.4361

Tritanomaly

48.4720, -2.2047, 53.9601

Monochromacy



Original Color

41.4680, 14.0663, 61.8566

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.2230, 5.3131, 22.6064

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.4680, 14.0663, 61.8566 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(112, 0, 70)` looks like.

```
.text, #text, p{  
    color:rgb(112, 0, 70)  
}
```

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(112, 0, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 0, 70) }
```

Border

The CSS property to change the border of an element to YUV 41.4680, 14.0663, 61.8566 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(112, 0, 70) }
```


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

```
.border{ border-color:rgb(112, 0, 70) }
```

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

Here you see how a box with a 4 pixel rgb(112, 0, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 0, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 0, 70);  
box-shadow:4px 4px 4px 4px rgb(112, 0, 70)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.4680, 14.0663, 61.8566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 0, 70) }
```

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

```
.background{ background-color: rgb(112, 0,  
70) }
```

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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