

Converting Colors

YUV(41.5060, 13.0615, 57.4382)

Have a look what the booklet for
YUV(41.5060, 13.0615, 57.4382)
contains.

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Color

**YUV(41.5060, 13.0615,
57.4382)**

Conversions

Conversions Part 1

Format	Color
Hex	6B0344
RGB	107, 3, 68
RGB Percent	42%, 1%, 27%
CMY	0.5804, 0.9882, 0.7333
CMYK	0.00, 0.97, 0.36, 0.58
HSL	322°, 95%, 22%
HSV	322°, 97%, 42%
XYZ	7.1394, 3.6083, 5.7890
YIQ	41.5060, 41.1190, 42.2630

Conversions

Conversions Part 2

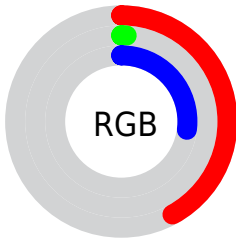
Format	Color
RYB	107, 3, 68
Decimal	7013188
CIELab	22.33, 45.74, -9.12
CIELCh	22, 46.642, 348.730
Yxy	3.6083, 0.4317, 0.2182
Android (android.graphics.Color)	4285203268 (0xFF6B0344)
YUV	41.5060, 13.0615, 57.4382
Hunter-Lab	18.9955, 33.8463, -4.7723




Details

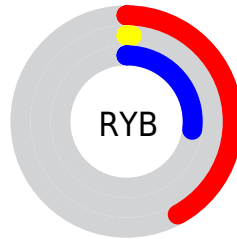
The YUV color **41.5060, 13.0615, 57.4382** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **68.4940, -13.0615, -57.4382**, and the grayscale version is **41.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **99.8170, 7.9782, 54.5345**, and **19.5940, 2.6652, 31.9281** is the 20% darker color. If you saturate the color by 10%, you get **39.6310, 13.4929, 59.0826**, and if you desaturate by 10%, it is **48.4190, 11.6254, 51.3755**.

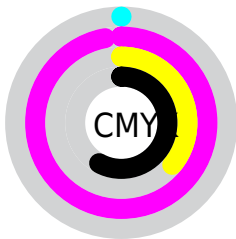
Distribution







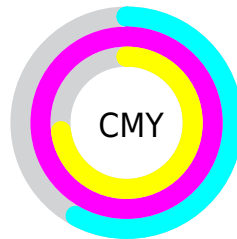
-  Red (42%)
-  Green (1%)
-  Blue (27%)






-  Red (42%)
-  Yellow (1%)
-  Blue (27%)



-  Cyan (0%)
-  Magenta (97%)
-  Yellow (36%)
-  Black (58%)



-  Cyan (58%)
-  Magenta (99%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.5060, 13.0615, 57.4382 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 41.5060, 13.0615, 57.4382 by changing the saturation by 10% instead.

■ 41.5060, 13.0615,
57.4382

■ 41.5060, 13.0615,
57.4382

■ 255.0000, 0.0000,
0.0000

■ 29.1640, 8.3001,
44.5832

■ 99.8170, 7.9782,
54.5345

■ 19.5940, 2.6652,
31.9281

■ 126.4150, 7.6834,
55.7640

■ 7.8880, -3.3958,
15.8842

■ 153.3120, 7.2412,
57.6084

■ 0.0000, 0.0000,
0.0000


■ 181.2090, 6.7990,
59.4527


■ 202.6310, 10.0419,
45.9276


■ 222.3730, 14.6061,


28.6139


 239.7380, 7.5242,
13.3848


 41.5060, 13.0615,
57.4382


 41.5060, 13.0615,
57.4382


 39.6310, 13.4929,
59.0826

 48.4190, 11.6254,
51.3755

 54.7450, 10.4787,
45.8276

 61.6580, 9.0426,
39.7649

 68.5710, 7.6065,
33.7022

 75.4840, 6.1704,
27.6395

■ 81.8100, 5.0237,
22.0916

■ 88.7230, 3.5876,
16.0289

■ 95.6360, 2.1515,
9.9662

■ 101.9620, 1.0047,
4.4183

Harmonies

Analogous

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



53.5170, 22.9161, 23.2256



41.5060, 13.0615, 57.4382



39.1250, -2.5266, 63.9114

Triad

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



41.5060, 13.0615, 57.4382



48.0990, -23.7128, -0.9638



51.2990, 26.4746, -44.9892

Complementary

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



41.5060, 13.0615, 57.4382



68.4940, -13.0615, -57.4382

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.



48.4660, 13.0813, -42.5047



41.5060, 13.0615, 57.4382



37.5680, -18.5210, -32.9471

Square

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



41.5060, 13.0615, 57.4382



50.6120, -24.9517, 23.1423



43.7750, -2.3541, -38.3907



50.3020, 35.3471, -44.1149

Rectangle

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



41.5060, 13.0615, 57.4382



45.1610, -17.3344, 53.3558



43.7750, -2.3541, -38.3907



50.2730, 22.5434, -44.0894

Sweetspot

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



41.5060, 13.0615, 57.4382



114.8100, 5.0237, 22.0916



26.2180, 39.8255, 12.9638



55.2990, 3.3036, 13.7698



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



41.5060, 13.0615, 57.4382



51.8920, 17.8012, 77.2707



35.6920, -9.2152, 62.5371



50.2500, 0.8628, 3.2887



43.3050, 14.6396, 64.6305



90.6970, 30.7154, 135.3237

Inverse Universe

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



41.5060, 13.0615, 57.4382



51.8920, 17.8012, 77.2707



74.3080, 9.2152, -62.5371



50.2500, 0.8628, 3.2887



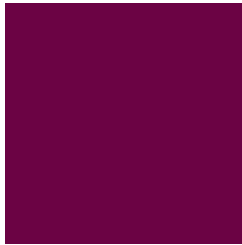
43.3050, 14.6396, 64.6305



90.6970, 30.7154, 135.3237

Previews

White Background



This preview shows how the YUV color 41.5060, 13.0615, 57.4382 looks on a white background.

Color Contrast Check

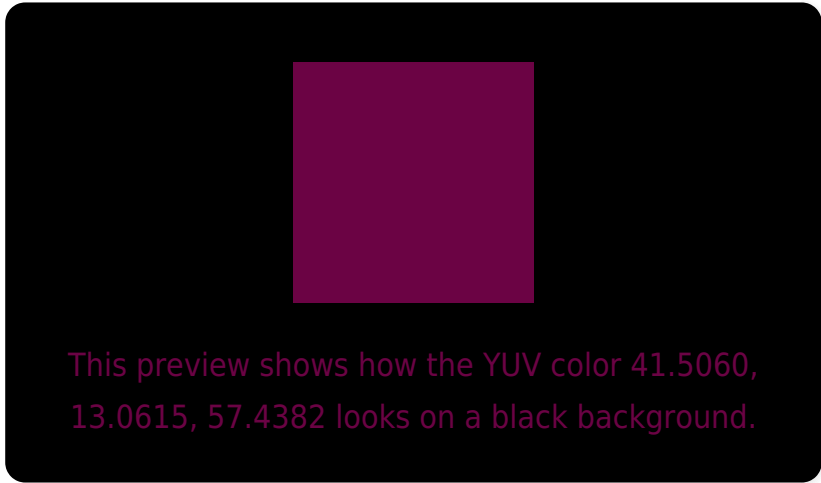
Large Text (above 18pt) WCAG AA ✓ Pass

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

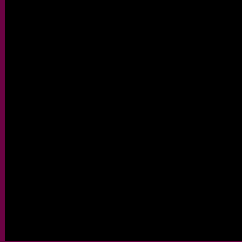
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.5060, 13.0615, 57.4382

Background



This preview shows how black text looks on a background with the YUV color 41.5060, 13.0615, 57.4382.



This preview shows how white text looks on a background with the YUV color 41.5060, 13.0615,

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

41.5060, 13.0615, 57.4382

Protanopia

55.5910, 20.4146, -14.5503

Deuteranopia

57.1080, 2.9048, 1.6593



Tritanopia

50.4360, -11.0609, 47.8526

Trichromacy



Original Color

41.5060, 13.0615, 57.4382

Protanomaly

50.6590, 17.4231, 11.7001

Deuteranomaly

51.2660, 6.7709, 21.6917

Tritanomaly

47.1620, -2.0519, 51.6009

Monochromacy



Original Color

41.5060, 13.0615, 57.4382

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.9840, 4.4449, 21.0620

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.5060, 13.0615, 57.4382 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(107, 3, 68)` looks like.

```
.text, #text, p{  
    color:rgb(107, 3, 68)  
}
```

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(107, 3, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 3, 68) }
```

Border

The CSS property to change the border of an element to YUV 41.5060, 13.0615, 57.4382 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(107, 3, 68) }
```


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

```
.border{ border-color:rgb(107, 3, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 3, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 3, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 3, 68);  
box-shadow:4px 4px 4px 4px rgb(107, 3, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.5060, 13.0615, 57.4382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 3, 68) }
```

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

```
.background{ background-color: rgb(107, 3,  
68) }
```

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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