

Converting Colors

YUV(45.8630, -1.9045, 50.9861)

Have a look what the booklet for
YUV(45.8630, -1.9045, 50.9861)
contains.

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Color

**YUV(45.8630, -1.9045,
50.9861)**

Conversions

Conversions Part 1

Format	Color
Hex	68112A
RGB	104, 17, 42
RGB Percent	41%, 7%, 16%
CMY	0.5922, 0.9333, 0.8353
CMYK	0.00, 0.84, 0.60, 0.59
HSL	343°, 72%, 24%
HSV	343°, 84%, 41%
XYZ	6.3273, 3.5111, 2.5347
YIQ	45.8630, 43.8270, 26.2190

Conversions

Conversions Part 2

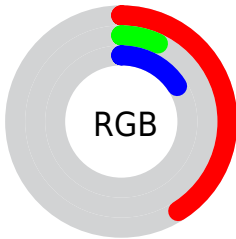
Format	Color
R_{YB}	104, 17, 42
Decimal	6820138
CIE _{Lab}	21.98, 38.92, 8.38
CIE _{LCh}	22, 39.809, 12.158
Yxy	3.5111, 0.5114, 0.2838
Android (android.graphics.Color)	4285010218 (0xFF68112A)
YUV	45.8630, -1.9045, 50.9861
Hunter-Lab	18.7380, 27.4829, 5.0963




Details

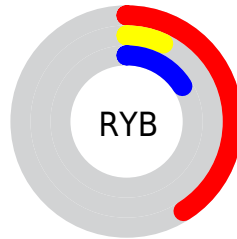
The YUV color **45.8630, -1.9045, 50.9861** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **75.1370, 1.9045, -50.9861**, and the grayscale version is **46.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **98.8480, -5.8411, 53.6303**, and **15.9610, -7.3758, 32.4832** is the 20% darker color. If you saturate the color by 10%, you get **39.1950, -2.0681, 56.8340**, and if you desaturate by 10%, it is **52.5310, -1.7408, 45.1383**.

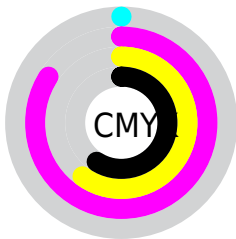
Distribution







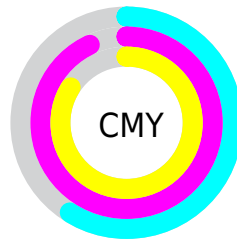
-  Red (41%)
-  Green (7%)
-  Blue (16%)






-  Red (41%)
-  Yellow (7%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (84%)
-  Yellow (60%)
-  Black (59%)



-  Cyan (59%)
-  Magenta (93%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.8630, -1.9045, 50.9861 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 45.8630, -1.9045, 50.9861 by changing the saturation by 10% instead.

■ 45.8630, -1.9045,
50.9861

■ 45.8630, -1.9045,
50.9861

255.0000, 0.0000,
0.0000

■ 25.5310, -1.7408,
45.1383

■ 98.8480, -5.8411,
53.6303

■ 15.9610, -7.3758,
32.4832

■ 124.6310, -6.7201,
55.5746

■ 3.2890, -1.6215,
6.7625

■ 151.5280, -7.1623,
57.4189

■ 0.0000, 0.0000,
0.0000

■ 179.3110, -8.0413,
59.3633

■ 200.6300, -5.2406,
47.6825

■ 220.2580, -1.1132,

30.4687

240.4730, 2.7248,
12.7402

45.8630, -1.9045,
50.9861

45.8630, -1.9045,
50.9861

39.1950, -2.0681,
56.8340

52.5310, -1.7408,
45.1383

34.5160, -2.2264,
60.9375

59.9000, -1.4297,
38.6757

66.5680, -1.2660,
32.8279

73.9370, -0.9549,
26.3653

80.6050, -0.7913,
20.5174

■ 87.2730, -0.6276,
14.6696

■ 94.6420, -0.3165,
8.2070

■ 101.3100, -0.1528,
2.3591

■ 108.6790, 0.1583,
-4.1035

Harmonies

Analogous

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



49.7120, 10.4950, 40.5946



45.8630, -1.9045, 50.9861



48.0950, -17.3018, 42.8897

Triad

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



45.8630, -1.9045, 50.9861



41.4880, -20.4536, -19.7220



48.2330, 29.9581, -42.3003

Complementary

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



45.8630, -1.9045, 50.9861



75.1370, 1.9045, -50.9861

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.



48.6430, 21.3750, -42.6599



45.8630, -1.9045, 50.9861



41.3300, -4.1067, -36.2464

Square

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



45.8630, -1.9045, 50.9861



48.7300, -24.0239, 5.4988



46.0380, 8.8553, -40.3753



43.1780, 33.4362, -37.8671

Rectangle

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



45.8630, -1.9045, 50.9861



49.4930, -24.4000, 32.8936



46.0380, 8.8553, -40.3753



48.9510, 27.6322, -42.9300

Sweetspot

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



45.8630, -1.9045, 50.9861



112.3060, -0.6439, 19.9026



45.1570, 29.0096, 28.8033



54.9630, -0.4748, 12.3104



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



45.8630, -1.9045, 50.9861



44.8110, -2.8648, 79.0958



52.9920, -17.7441, 44.7340



47.6090, -0.3002, 2.9739



38.1470, -2.5375, 67.4001



80.3380, -5.0966, 141.7776

Inverse Universe

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



45.8630, -1.9045, 50.9861



44.8110, -2.8648, 79.0958



68.0080, 17.7441, -44.7340



47.6090, -0.3002, 2.9739



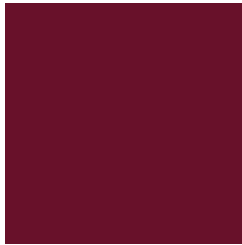
38.1470, -2.5375, 67.4001



80.3380, -5.0966, 141.7776

Previews

White Background



This preview shows how the YUV color 45.8630, -1.9045, 50.9861 looks on a white background.

Color Contrast Check

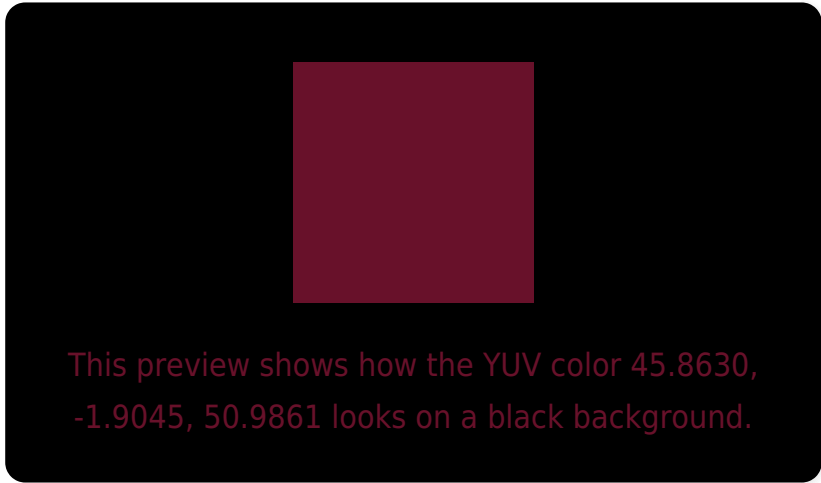
Large Text (above 18pt) WCAG AA ✓ Pass

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

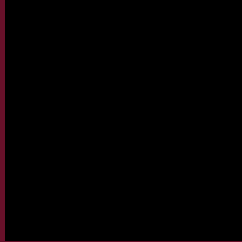
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.8630, -1.9045, 50.9861

Background



This preview shows how black text looks on a background with the YUV color 45.8630, -1.9045, 50.9861.



This preview shows how white text looks on a background with the YUV color 45.8630, -1.9045,

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

45.8630, -1.9045, 50.9861

Protanopia

55.4560, 1.7472, -0.3999

Deuteranopia

54.2910, -8.0315, 9.3918



Tritanopia

46.3330, -11.5032, 49.6970

Trichromacy



Original Color

45.8630, -1.9045, 50.9861

Protanomaly

51.9360, 0.5246, 18.4731

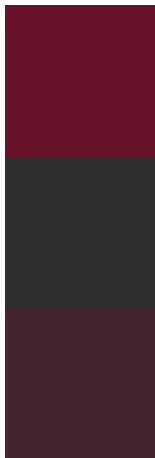
Deuteranomaly

50.9600, -5.8963, 24.5911

Tritanomaly

45.9570, -7.8668, 50.0267

Monochromacy



Original Color

45.8630, -1.9045, 50.9861

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.7080, -0.3490, 18.6731

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.8630, -1.9045, 50.9861 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(104, 17, 42)` looks like.

```
.text, #text, p{  
    color:rgb(104, 17, 42)  
}
```

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(104, 17, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 17, 42) }
```

Border

The CSS property to change the border of an element to YUV 45.8630, -1.9045, 50.9861 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(104, 17, 42) }
```


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

```
.border{ border-color:rgb(104, 17, 42) }
```

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

Here you see how a box with a 4 pixel rgb(104, 17, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 17, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 17, 42);  
box-shadow:4px 4px 4px 4px rgb(104, 17,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 45.8630, -1.9045, 50.9861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 17, 42) }
```

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

```
.background{ background-color: rgb(104, 17,  
42) }
```

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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