

Converting Colors

YUV(87.8530, 0.0725, 70.2889)

Have a look what the booklet for
YUV(87.8530, 0.0725, 70.2889)
contains.

YUV(87.8530, 0.0725, 70.2889)	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(87.8530, 0.0725,
70.2889)**

Conversions

Conversions Part 1

Format	Color
Hex	A82F58
RGB	168, 47, 88
RGB Percent	66%, 18%, 35%
CMY	0.3412, 0.8157, 0.6549
CMYK	0.00, 0.72, 0.48, 0.34
HSL	340°, 56%, 42%
HSV	340°, 72%, 66%
XYZ	18.9264, 11.0624, 10.3703
YIQ	87.8530, 58.9550, 38.4030

Conversions

Conversions Part 2

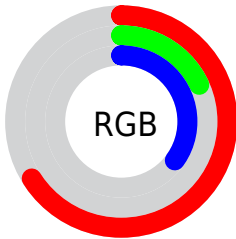
Format	Color
R_{YB}	168, 47, 88
Decimal	11022168
CIE _{Lab}	39.69, 51.95, 4.67
CIE _{LCh}	40, 52.162, 5.141
Yxy	11.0624, 0.4690, 0.2741
Android (android.graphics.Color)	4289212248 (0xFFA82F58)
YUV	87.8530, 0.0725, 70.2889
Hunter-Lab	33.2602, 43.3682, 4.7961

Details

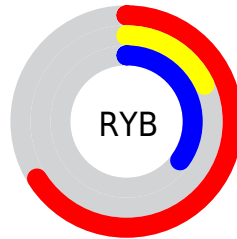
The YUV color **87.8530, 0.0725, 70.2889** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **127.1470, -0.0725, -70.2889**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.4790, -2.7011, 73.2479**, and **38.0910, 2.4201, 63.9412** is the 20% darker color. If you saturate the color by 10%, you get **76.6200, 0.1873, 80.1403**, and if you desaturate by 10%, it is **99.0860, -0.0424, 60.4376**.

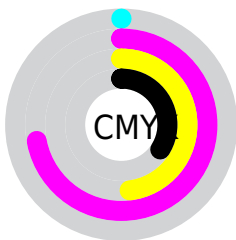
Distribution



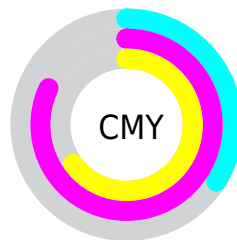
- Red (66%)
- Green (18%)
- Blue (35%)



- Red (66%)
- Yellow (18%)
- Blue (35%)



- Cyan (0%)
- Magenta (72%)
- Yellow (48%)
- Black (34%)



- Cyan (34%)
- Magenta (82%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.8530, 0.0725, 70.2889 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 87.8530, 0.0725, 70.2889 by changing the saturation by 10% instead.

■ 87.8530, 0.0725,
70.2889

■ 87.8530, 0.0725,
70.2889

■ 255.0000, 0.0000,
0.0000

■ 55.4280, 4.7190,
73.2926

■ 143.4790, -2.7011,
73.2479

■ 38.0910, 2.4201,
63.9412

■ 171.2510, -3.5747,
73.4479

■ 27.1400, -2.0410,
48.1122

■ 190.1780, 0.4052,
56.8489

■ 17.5700, -7.6760,
35.4571

■ 209.8060, 4.5326,
39.6351

■ 5.3820, -2.6533,
11.0660

■ 230.0210, 8.3706,
21.9066

■ 0.0000, 0.0000,
0.0000

■ 247.9560, 3.4727,

6.1776

■ 87.8530, 0.0725,
70.2889

■ 87.8530, 0.0725,
70.2889

■ 76.6200, 0.1873,
80.1403

■ 99.0860, -0.0424,
60.4376

■ 65.3870, 0.3022,
89.9916

■ 110.3190, -0.1573,
50.5862

■ 56.7300, 0.1331,
97.5838

■ 120.9650, 0.0173,
41.2497

■ 132.1980, -0.0976,
31.3984

■ 143.5450, 0.2243,
21.4470

■ 154.7780, 0.1094,
11.5957

■ 166.0110, -0.0054,
1.7444

■ 176.6570, 0.1691,
-7.5922

■ 187.8900, 0.0542,
-17.4435

Harmonies

Analogous

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



93.7160, 17.8880, 49.3611



87.8530, 0.0725, 70.2889



88.1410, -20.2825, 65.6513

Triad

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



87.8530, 0.0725, 70.2889



81.4270, -34.7205, -17.0375



82.3030, 43.7276, -72.1797

Complementary

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



87.8530, 0.0725, 70.2889



127.1470, -0.0725, -70.2889

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.



81.9320, 29.6135, -71.8544



87.8530, 0.0725, 70.2889



70.9540, -7.3723, -62.2267

Square

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



87.8530, 0.0725, 70.2889



86.8720, -42.8279, 16.7753



77.7310, 10.9786, -68.1701



76.7580, 50.4053, -67.3168

Rectangle

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



87.8530, 0.0725, 70.2889



88.9210, -33.4851, 53.5663



77.7310, 10.9786, -68.1701



82.5650, 39.6545, -72.4095

Sweetspot

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



87.8530, 0.0725, 70.2889



187.1760, -0.0868, 27.9096



84.4150, 41.2074, 36.4700



90.8110, 0.0932, 16.8288



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



87.8530, 0.0725, 70.2889



94.5080, 0.2426, 109.1795



93.7450, -23.0453, 65.1216



78.7340, 0.1311, 4.6183



49.9520, 0.0237, 85.9881



6.7780, 0.1094, 11.5957

Inverse Universe

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



87.8530, 0.0725, 70.2889



94.5080, 0.2426, 109.1795



121.2550, 23.0453, -65.1216



78.7340, 0.1311, 4.6183



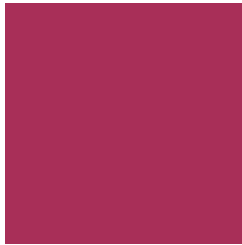
49.9520, 0.0237, 85.9881



6.7780, 0.1094, 11.5957

Previews

White Background



This preview shows how the YUV color 87.8530, 0.0725, 70.2889 looks on a white background.

Color Contrast Check

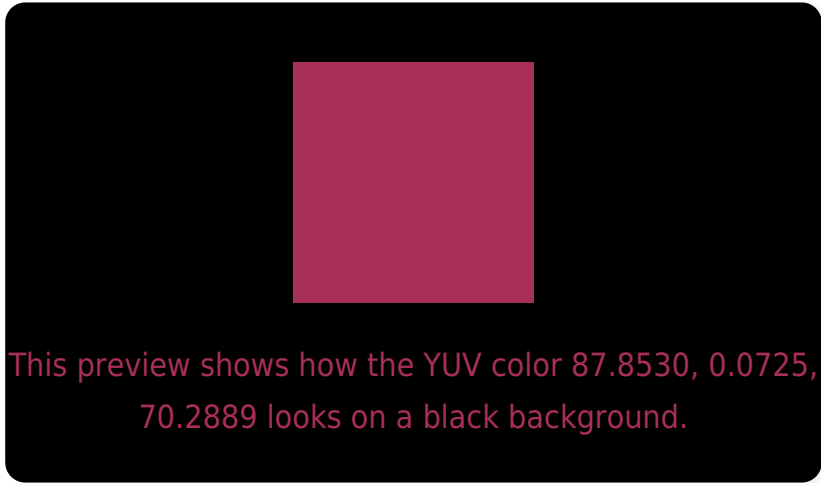
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

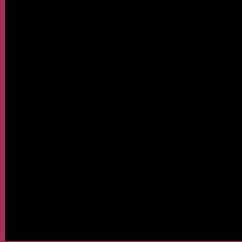
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.8530, 0.0725, 70.2889

Background



This preview shows how black text looks on a background with the YUV color 87.8530, 0.0725, 70.2889.



This preview shows how white text looks on a background with the YUV color 87.8530, 0.0725,

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

87.8530, 0.0725, 70.2889

Protanopia

95.0840, 9.3256, -4.4587

Deuteranopia

95.0570, -6.4371, 11.3510



Tritanopia

87.8300, -15.1992, 68.5551

Trichromacy



Original Color

87.8530, 0.0725, 70.2889

Protanomaly

92.4510, 6.1867, 22.4065

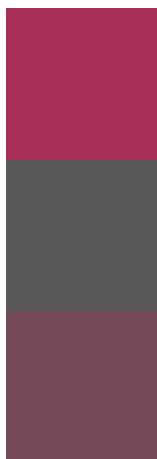
Deuteranomaly

92.4710, -4.1762, 32.9129

Tritanomaly

87.6220, -9.6736, 69.6145

Monochromacy



Original Color

87.8530, 0.0725, 70.2889

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.8660, 0.0661, 25.5505

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.8530, 0.0725, 70.2889 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(168, 47, 88)` looks like.

```
.text, #text, p{  
  color:rgb(168, 47, 88)  
}
```

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(168, 47, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 47, 88) }
```

Border

The CSS property to change the border of an element to YUV 87.8530, 0.0725, 70.2889 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(168, 47, 88) }
```


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

```
.border{ border-color:rgb(168, 47, 88) }
```

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

Here you see how a box with a 4 pixel rgb(168, 47, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 47, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 47, 88);  
box-shadow:4px 4px 4px 4px rgb(168, 47,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 87.8530, 0.0725, 70.2889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 47, 88) }
```

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

```
.background{ background-color: rgb(168, 47,  
88) }
```

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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