

Converting Colors

YUV(88.9030, 0.5408, 13.2401)

Have a look what the booklet for
YUV(88.9030, 0.5408, 13.2401)
contains.

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Color

**YUV(88.9030, 0.5408,
13.2401)**

Conversions

Conversions Part 1

Format	Color
Hex	68515A
RGB	104, 81, 90
RGB Percent	41%, 32%, 35%
CMY	0.5922, 0.6824, 0.6471
CMYK	0.00, 0.22, 0.13, 0.59
HSL	337°, 12%, 36%
HSV	337°, 22%, 41%
XYZ	10.4968, 9.5661, 10.9661
YIQ	88.9030, 10.8190, 7.6750

Conversions

Conversions Part 2

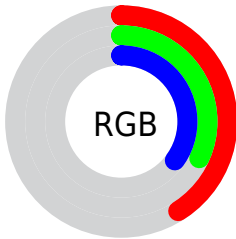
Format	Color
R_{YB}	104, 81, 90
Decimal	6836570
CIE _{Lab}	37.05, 11.22, -1.58
CIE _{LCh}	37, 11.327, 351.966
Yxy	9.5661, 0.3383, 0.3083
Android (android.graphics.Color)	4285026650 (0xFF68515A)
YUV	88.9030, 0.5408, 13.2401
Hunter-Lab	30.9291, 6.4539, 0.6288

Details

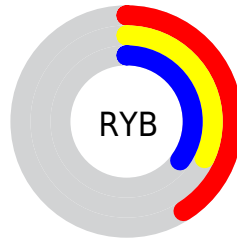
The YUV color **88.9030, 0.5408, 13.2401** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **96.0970, -0.5408, -13.2401**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6150, 0.6828, 14.3696**, and **43.3050, 0.8356, 12.0105** is the 20% darker color. If you saturate the color by 10%, you get **82.3490, 0.8139, 18.9879**, and if you desaturate by 10%, it is **95.4570, 0.2677, 7.4922**.

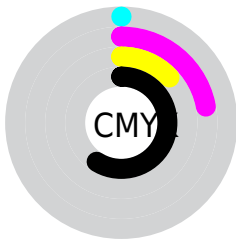
Distribution



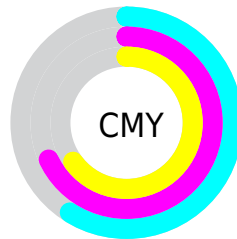
- Red (41%)
- Green (32%)
- Blue (35%)



- Red (41%)
- Yellow (32%)
- Blue (35%)



- Cyan (0%)
- Magenta (22%)
- Yellow (13%)
- Black (59%)



- Cyan (59%)
- Magenta (68%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.9030, 0.5408, 13.2401 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 88.9030, 0.5408, 13.2401 by changing the saturation by 10% instead.

■ 88.9030, 0.5408,
13.2401

■ 88.9030, 0.5408,
13.2401

■ 255.0000, 0.0000,
0.0000

■ 65.6040, 0.6882,
12.6253

■ 138.6150, 0.6828,
14.3696

■ 43.3050, 0.8356,
12.0105

■ 165.5010, 0.2460,
14.4696

■ 22.5930, 0.6937,
10.8809

■ 192.2130, 0.3880,
15.5992

■ 0.0000, 0.0000,
0.0000

■ 220.2130, 0.3880,
15.5992

■ 245.0380, 2.4463,
8.7367

■ 88.9030, 0.5408,
13.2401

■ 88.9030, 0.5408,
13.2401

■ 82.3490, 0.8139,
18.9879

■ 95.4570, 0.2677,
7.4922

■ 75.0940, 0.9397,
25.3506

■ 102.7120, 0.1420,
1.1296

■ 68.5400, 1.2128,
31.0984

■ 109.2660, -0.1311,
-4.6183

■ 61.3990, 1.7753,
37.3611

■ 116.4070, -0.6937,
-10.8809

■ 54.7310, 1.6116,
43.2089

■ 123.0750, -0.5300,
-16.7288

■ 48.1770, 1.8847,
48.9568

■ 129.6290, -0.8031,
-22.4766

■ 41.0360, 2.4473,
55.2194

■ 136.7700, -1.3656,
-28.7393

■ 35.7700, 2.5784,

■ 143.4380, -1.2019,

59.8377

-34.5871

■ 150.5790, -1.7644,
-40.8498

Harmonies

Analogous

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



88.8960, 4.4883, 7.1072



88.9030, 0.5408, 13.2401



88.4750, -3.6852, 15.3694

Triad

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



88.9030, 0.5408, 13.2401



86.2360, -8.0043, 0.6700



84.3660, 8.2006, -16.9840

Complementary

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



88.9030, 0.5408, 13.2401



96.0970, -0.5408, -13.2401

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.



83.5570, 5.1484, -18.0285



88.9030, 0.5408, 13.2401



85.1040, -4.4883, -7.1072

Square

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



88.9030, 0.5408, 13.2401



87.3510, -9.0470, 8.4622



83.9120, 0.0434, -13.9548



86.3390, 9.1999, -10.8213

Rectangle

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



88.9030, 0.5408, 13.2401



88.0790, -6.4479, 14.8397



83.9120, 0.0434, -13.9548



84.1270, 7.3324, -18.5284

Sweetspot

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



88.9030, 0.5408, 13.2401



129.0330, -0.0163, 5.2331



87.8080, 7.9827, 6.3074



65.0220, -0.0108, 3.4887



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.



88.9030, 0.5408, 13.2401



111.3600, 0.8085, 20.7323



89.0510, -3.9691, 13.1103



47.7230, 0.1366, 2.8739



39.5150, 2.7041, 66.2003



83.1880, 5.8233, 139.2781

Inverse Universe

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



88.9030, 0.5408, 13.2401



111.3600, 0.8085, 20.7323



95.9490, 3.9691, -13.1103



47.7230, 0.1366, 2.8739



39.5150, 2.7041, 66.2003



83.1880, 5.8233, 139.2781

Previews

White Background



This preview shows how the YUV color 88.9030, 0.5408, 13.2401 looks on a white background.

Color Contrast Check

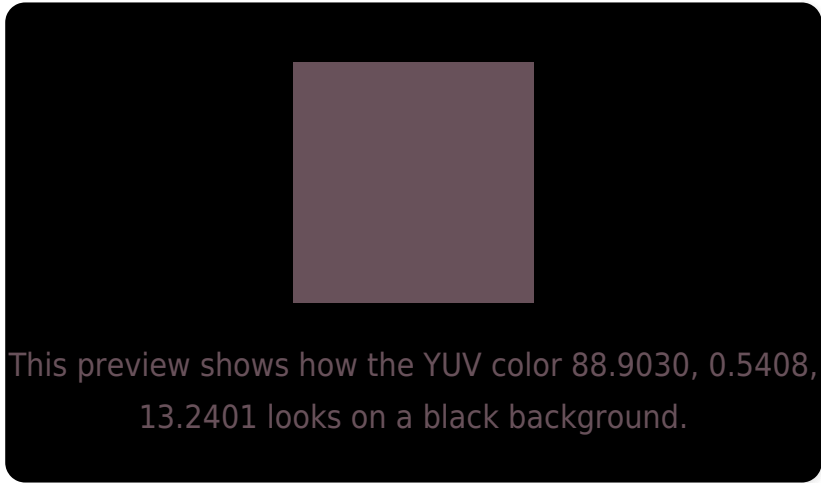
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.9030, 0.5408, 13.2401

Background



This preview shows how black text looks on a background with the YUV color 88.9030, 0.5408, 13.2401.



This preview shows how white text looks on a background with the YUV color 88.9030, 0.5408,

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

88.9030, 0.5408, 13.2401

Protanopia

87.6840, 2.6208, -0.5999

Deuteranopia

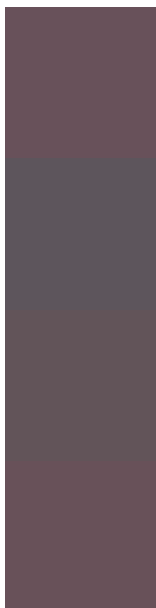
88.4460, 0.2731, 5.7479



Tritanopia

88.6750, -0.3328, 13.4400

Trichromacy



Original Color

88.9030, 0.5408, 13.2401

Protanomaly

88.1900, 1.8783, 4.2184

Deuteranomaly

88.7560, 0.1203, 8.1070

Tritanomaly

88.7890, 0.1040, 13.3400

Monochromacy



Original Color

88.9030, 0.5408, 13.2401

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.7340, 0.1311, 4.6183

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.9030, 0.5408, 13.2401 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, 81, 90)` looks like.

```
.text, #text, p{  
    color:rgb(104, 81, 90)  
}
```

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, 81, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 81, 90) }
```

Border

The CSS property to change the border of an element to YUV 88.9030, 0.5408, 13.2401 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, 81, 90) }
```


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

```
.border{ border-color:rgb(104, 81, 90) }
```

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

Here you see how a box with a 4 pixel rgb(104, 81, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 81, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 81, 90);  
box-shadow:4px 4px 4px 4px rgb(104, 81,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 88.9030, 0.5408, 13.2401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 81, 90) }
```

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

```
.background{ background-color: rgb(104, 81,  
90) }
```

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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