

Converting Colors

YUV(85.2530, -7.0267, 13.8101)

Have a look what the booklet for
YUV(85.2530, -7.0267, 13.8101)
contains.

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Color

**YUV(85.2530, -7.0267,
13.8101)**

Conversions

Conversions Part 1

Format	Color
Hex	655047
RGB	101, 80, 71
RGB Percent	40%, 31%, 28%
CMY	0.6039, 0.6863, 0.7216
CMYK	0.00, 0.21, 0.30, 0.60
HSL	18°, 17%, 34%
HSV	18°, 30%, 40%
XYZ	9.3728, 8.9590, 7.1965
YIQ	85.2530, 15.4050, 1.6530

Conversions

Conversions Part 2

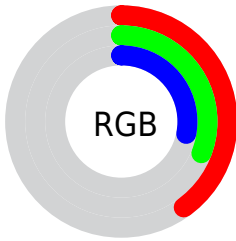
Format	Color
R_{YB}	101, 84, 71
Decimal	6639687
CIE Lab	35.91, 7.27, 8.63
CIE LCh	36, 11.284, 49.877
Yxy	8.9590, 0.3672, 0.3509
Android (android.graphics.Color)	4284829767 (0xFF655047)
YUV	85.2530, -7.0267, 13.8101
Hunter-Lab	29.9315, 3.5157, 6.6969

Details

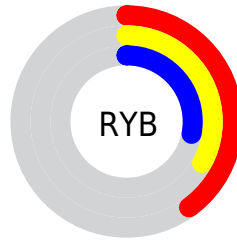
The YUV color **85.2530, -7.0267, 13.8101** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **86.7470, 7.0267, -13.8101**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.7370, -7.7583, 15.1397**, and **40.1710, -6.0003, 11.2510** is the 20% darker color. If you saturate the color by 10%, you get **80.0040, -9.3690, 18.4135**, and if you desaturate by 10%, it is **90.5020, -4.6845, 9.2067**.

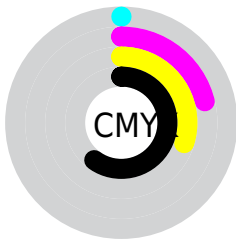
Distribution



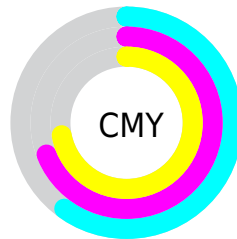
- Red (40%)
- Green (31%)
- Blue (28%)



- Red (40%)
- Yellow (33%)
- Blue (28%)



- Cyan (0%)
- Magenta (21%)
- Yellow (30%)
- Black (60%)



- Cyan (60%)
- Magenta (69%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.2530, -7.0267, 13.8101 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 85.2530, -7.0267, 13.8101 by changing the saturation by 10% instead.

■ 85.2530, -7.0267,
13.8101

■ 85.2530, -7.0267,
13.8101

■ 255.0000, 0.0000,
0.0000

■ 62.0680, -6.4425,
13.0954

■ 134.7370, -7.7583,
15.1397

■ 40.1710, -6.0003,
11.2510

■ 161.0360, -7.9057,
15.7544

■ 18.1990, -8.4791,
12.9805

■ 188.3350, -8.0532,
16.3692

■ 0.0000, 0.0000,
0.0000

■ 216.5200, -8.6374,
17.0840

■ 241.8290, -7.3107,
11.5510

■ 85.2530, -7.0267,
13.8101

■ 85.2530, -7.0267,
13.8101

■ 80.0040, -9.3690,
18.4135

■ 90.5020, -4.6845,
9.2067

■ 74.7550, -11.7112,
23.0169

■ 95.7510, -2.3422,
4.6034

■ 69.5060, -14.0535,
27.6202

■ 101.0000, 0.0000,
0.0000

■ 64.2570, -16.3957,
32.2236

■ 106.2490, 2.3422,
-4.6034

■ 59.0080, -18.7379,
36.8270

■ 111.6120, 5.1213,
-9.3067

■ 53.6450, -21.5170,
41.5303

■ 116.8610, 7.4635,
-13.9101

■ 48.3960, -23.8592,
46.1337

■ 122.1100, 9.8058,
-18.5135

■ 47.8090, -23.5698,

■ 127.9460, 11.8586,

46.6485

-23.6316

■ 133.1950, 14.2009,
-28.2350

Harmonies

Analogous

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



85.5890, -3.2484, 15.2694



85.2530, -7.0267, 13.8101



84.4650, -8.6102, 8.3622

Triad

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



85.2530, -7.0267, 13.8101



80.9120, 0.0434, -13.9548



84.7530, 8.0098, -2.4144

Complementary

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



85.2530, -7.0267, 13.8101



86.7470, 7.0267, -13.8101

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.



83.0400, 9.3473, -11.4361



85.2530, -7.0267, 13.8101



81.0300, 4.4222, -18.4433

Square

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



85.2530, -7.0267, 13.8101



82.4030, -4.6357, -6.4924



81.3660, 8.2006, -16.9840



85.7110, 5.0725, 6.3925

Rectangle

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



85.2530, -7.0267, 13.8101



83.8450, -8.3046, 3.6439



81.3660, 8.2006, -16.9840



84.2580, 8.7468, -5.4883

Sweetspot

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



85.2530, -7.0267, 13.8101



123.9360, -2.9264, 5.3181



82.3640, 4.7505, 16.3438



62.2670, -1.6106, 3.2738



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



85.2530, -7.0267, 13.8101



105.2710, -10.9796, 21.6873



94.0580, -11.3676, 6.0881



48.0820, -1.0264, 2.5591



54.3430, -26.7911, 53.1962



115.2090, -56.7980, 111.1957

Inverse Universe

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



86.7470, 7.0267, -13.8101



107.7290, 10.9796, -21.6873



77.9420, 11.3676, -6.0881



48.3310, 1.3158, -2.0443



60.0700, 27.0805, -52.6814



127.3780, 56.5086, -111.7105

Previews

White Background



This preview shows how the YUV color 85.2530, -7.0267, 13.8101 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



This preview shows how the YUV color 85.2530, -7.0267, 13.8101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

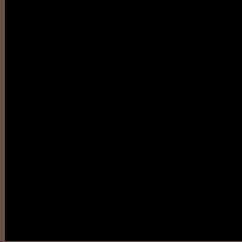
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.2530, -7.0267, 13.8101

Background



This preview shows how black text looks on a background with the YUV color 85.2530, -7.0267, 13.8101.



This preview shows how white text looks on a background with the YUV color 85.2530, -7.0267,

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

85.2530, -7.0267, 13.8101

Protanopia

84.2410, -5.5418, 4.1736

Deuteranopia

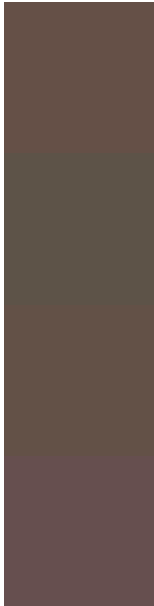
84.9430, -6.8739, 11.4510



Tritanopia

85.8600, -0.9170, 14.1548

Trichromacy



Original Color

85.2530, -7.0267, 13.8101

Protanomaly

84.7360, -6.2788, 7.2475

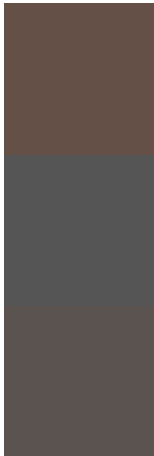
Deuteranomaly

85.2420, -7.0213, 12.0658

Tritanomaly

85.8770, -3.3904, 14.1399

Monochromacy



Original Color

85.2530, -7.0267, 13.8101

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.0500, -2.4896, 5.2182

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.2530, -7.0267, 13.8101 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(101, 80, 71)` looks like.

```
.text, #text, p{  
    color:rgb(101, 80, 71)  
}
```

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(101, 80, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 80, 71) }
```

Border

The CSS property to change the border of an element to YUV 85.2530, -7.0267, 13.8101 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(101, 80, 71) }
```


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

```
.border{ border-color:rgb(101, 80, 71) }
```

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

Here you see how a box with a 4 pixel rgb(101, 80, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 80, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 80, 71);  
box-shadow:4px 4px 4px 4px rgb(101, 80,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 85.2530, -7.0267, 13.8101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 80, 71) }
```

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

```
.background{ background-color: rgb(101, 80,  
71) }
```

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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