

Converting Colors

YUV(136.8530, -30.4935,
27.3159)

Have a look what the booklet for
YUV(136.8530, -30.4935, 27.3159)
contains.

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Color

**YUV(136.8530, -30.4935,
27.3159)**

Conversions

Conversions Part 1

Format	Color
Hex	A8854B
RGB	168, 133, 75
RGB Percent	66%, 52%, 29%
CMY	0.3412, 0.4784, 0.7059
CMYK	0.00, 0.21, 0.55, 0.34
HSL	37°, 38%, 48%
HSV	37°, 55%, 66%
XYZ	25.8060, 25.6079, 10.2393
YIQ	136.8530, 39.4780, -10.6180

Conversions

Conversions Part 2

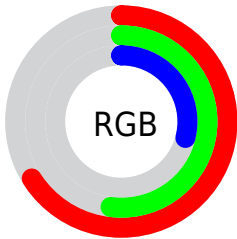
Format	Color
RYB	131, 168, 75
Decimal	11044171
CIELab	57.66, 6.25, 36.06
CIELCh	58, 36.594, 80.162
Yxy	25.6079, 0.4186, 0.4154
Android (android.graphics.Color)	4289234251 (0xFFA8854B)
YUV	136.8530, -30.4935, 27.3159
Hunter-Lab	50.6042, 2.4699, 23.4262

Details

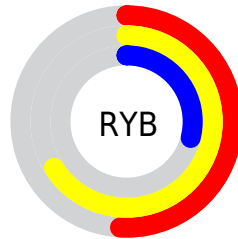
The YUV color **136.8530, -30.4935, 27.3159** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **106.1470, 30.4935, -27.3159**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.7070, -32.3936, 30.0750**, and **86.2870, -28.7355, 23.4273** is the 20% darker color. If you saturate the color by 10%, you get **131.3930, -36.1827, 32.1043**, and if you desaturate by 10%, it is **142.3130, -24.8043, 22.5275**.

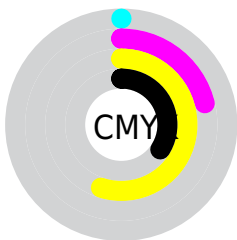
Distribution



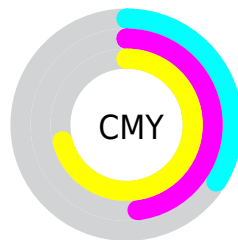
- Red (66%)
- Green (52%)
- Blue (29%)



- Red (51%)
- Yellow (66%)
- Blue (29%)



- Cyan (0%)
- Magenta (21%)
- Yellow (55%)
- Black (34%)



- Cyan (34%)
- Magenta (48%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.8530, -30.4935, 27.3159 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 136.8530, -30.4935, 27.3159 by changing the saturation by 10% instead.

■ 136.8530,
-30.4935, 27.3159

■ 136.8530,
-30.4935, 27.3159

■ 255.0000, 0.0000,
0.0000

■ 111.0700,
-29.6145, 25.3716

■ 190.7070,
-32.3936, 30.0750

■ 86.2870, -28.7355,
23.4273

■ 219.0770,
-33.5620, 31.5045

■ 62.1620, -29.1669,
21.7829

■ 238.7050,
-29.4346, 14.2907

■ 41.4310, -20.4255,
18.0390

■ 249.4140,
-21.4031, 4.8989

■ 22.2160, -10.9525,
12.9656

■ 252.7200, -8.7360,
1.9996

■ 0.0000, 0.0000,
0.0000

■ 136.8530,
-30.4935, 27.3159

■ 136.8530,
-30.4935, 27.3159

■ 131.3930,
-36.1827, 32.1043

■ 142.3130,
-24.8043, 22.5275

■ 125.3460,
-41.5826, 37.4076

■ 148.3600,
-19.4045, 17.2243

■ 120.0000,
-46.8350, 42.0960

■ 153.7060,
-14.1521, 12.5358

■ 114.5400,
-52.5242, 46.8844

■ 159.1660, -8.4628,
7.7474

■ 111.8670,
-55.1504, 49.2286

■ 165.2130, -3.0630,
2.4442

■ 170.6730, 2.6262,
-2.3442

■ 176.1330, 8.3154,
-7.1326

■ 182.0660, 13.2785,

-12.3359

■ 187.5260, 18.9677,
-17.1243

Harmonies

Analogous

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



138.7980, -23.5644, 44.9042



136.8530, -30.4935, 27.3159



133.6820, -27.9442, 2.9099

Triad

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



136.8530, -30.4935, 27.3159



109.1110, 24.5953, -95.6903



142.3660, 18.5536, 22.4810

Complementary

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



136.8530, -30.4935, 27.3159



106.1470, 30.4935, -27.3159

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.



138.9040, 29.1343, -11.3168



136.8530, -30.4935, 27.3159



110.5420, 37.6938, -96.9453

Square

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



136.8530, -30.4935, 27.3159



121.6090, 2.6578, -59.2931



127.7630, 36.1058, -54.1662



141.7250, 4.0796, 44.9682

Rectangle

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



136.8530, -30.4935, 27.3159



131.2820, -21.3380, -16.0333



127.7630, 36.1058, -54.1662



142.0380, 22.6593, 12.2447

Sweetspot

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



136.8530, -30.4935, 27.3159



206.5640, -12.1101, 10.9064



106.9110, 2.0159, 53.5751



102.2090, -7.0050, 6.8327



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.



136.8530, -30.4935, 27.3159



170.8860, -47.2718, 42.1960



154.1090, -39.0007, 2.5354



81.3270, -2.6262, 2.3442



98.2560, -48.4402, 43.6255



13.6110, -6.7102, 5.6032

Inverse Universe

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



106.1470, 30.4935, -27.3159



123.1140, 47.2718, -42.1960



88.8910, 39.0007, -2.5354



78.6730, 2.6262, -2.3442



49.7440, 48.4402, -43.6255



6.9760, 6.4208, -6.1180

Previews

White Background



This preview shows how the YUV color 136.8530, -30.4935, 27.3159 looks on a white background.

Color Contrast Check

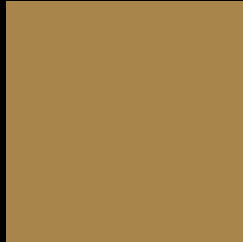
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 136.8530, -30.4935, 27.3159 looks on a black 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

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

YUV 136.8530, -30.4935, 27.3159

Background



This preview shows how black text looks on a background with the YUV color 136.8530, -30.4935, 27.3159.



This preview shows how white text looks on a background with the YUV color 136.8530, -30.4935,

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

136.8530, -30.4935, 27.3159

Protanopia

136.1180, -29.1452, 14.8055

Deuteranopia

136.8640, -30.4990, 29.0603



Tritanopia

141.1930, -2.5601, 27.8947

Trichromacy



Original Color

136.8530, -30.4935, 27.3159

Protanomaly

136.3250, -29.7402, 19.0090

Deuteranomaly

136.5650, -30.3515, 28.4455

Tritanomaly

139.8480, -12.7431, 27.3203

Monochromacy



Original Color

136.8530, -30.4935, 27.3159

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.0800, -11.3784, 9.5768

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.8530, -30.4935, 27.3159 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, 133, 75)` looks like.

```
.text, #text, p{  
    color:rgb(168, 133, 75)  
}
```

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, 133, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 133, 75) }
```

Border

The CSS property to change the border of an element to YUV 136.8530, -30.4935, 27.3159 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, 133, 75) }
```


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

```
.border{ border-color:rgb(168, 133, 75) }
```

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

Here you see how a box with a 4 pixel rgb(168, 133, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 133, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 133, 75);  
box-shadow:4px 4px 4px 4px rgb(168, 133,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 136.8530, -30.4935, 27.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 133, 75) }
```

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

```
.background{ background-color: rgb(168,  
133, 75) }
```

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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