

# Converting Colors

YUV(85.8630, -29.0195,  
21.1681)

Have a look what the booklet for  
YUV(85.8630, -29.0195, 21.1681)  
contains.

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# Color

**YUV(85.8630, -29.0195,  
21.1681)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E551B
RGB	110, 85, 27
RGB Percent	43%, 33%, 11%
CMY	0.5686, 0.6667, 0.8941
CMYK	0.00, 0.23, 0.75, 0.57
HSL	42°, 61%, 27%
HSV	42°, 75%, 43%
XYZ	9.8767, 9.8911, 2.4255
YIQ	85.8630, 33.5180, -12.7380

# Conversions

## Conversions Part 2

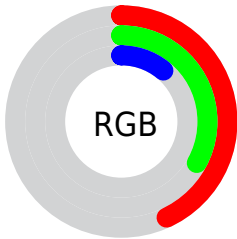
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 110, 27
Decimal	7230747
CIELab	37.65, 3.83, 36.22
CIELCh	38, 36.422, 83.956
Yxy	9.8911, 0.4450, 0.4457
Android (android.graphics.Color)	4285420827 (0xFF6E551B)
YUV	85.8630, -29.0195, 21.1681
Hunter-Lab	31.4502, 1.0191, 17.4425

# Details

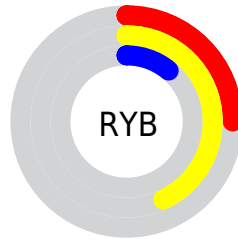
The YUV color **85.8630, -29.0195, 21.1681** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **51.1370, 29.0195, -21.1681**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.1300, -30.6301, 24.4420**, and **41.1210, -20.2727, 15.6799** is the 20% darker color. If you saturate the color by 10%, you get **82.8480, -32.9561, 23.8123**, and if you desaturate by 10%, it is **88.8780, -25.0829, 18.5240**.

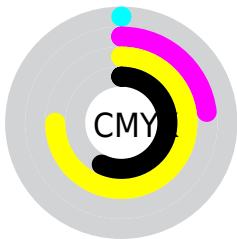
# Distribution



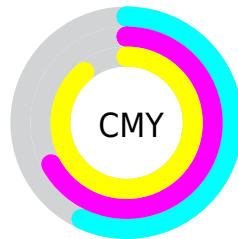
- Red (43%)
- Green (33%)
- Blue (11%)



- Red (25%)
- Yellow (43%)
- Blue (11%)



- Cyan (0%)
- Magenta (23%)
- Yellow (75%)
- Black (57%)



- Cyan (57%)
- Magenta (67%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 85.8630, -29.0195, 21.1681 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 85.8630, -29.0195, 21.1681 by changing the saturation by 10% instead.



85.8630, -29.0195,  
21.1681

85.8630, -29.0195,  
21.1681

255.0000, 0.0000,  
0.0000

61.7380, -29.4508,  
19.5238

136.1300,  
-30.6301, 24.4420

41.1210, -20.2727,  
15.6799

163.5000,  
-31.7985, 25.8715

21.9060, -10.7997,  
10.6064

190.0980,  
-32.0933, 27.1011

0.0000, 0.0000,  
0.0000

218.4680,  
-33.2617, 28.5306

239.1780,  
-30.1608, 13.8759

249.4140,

-21.4031, 4.8989

252.6060, -9.1728,  
2.0995

85.8630, -29.0195,  
21.1681

85.8630, -29.0195,  
21.1681

82.8480, -32.9561,  
23.8123

88.8780, -25.0829,  
18.5240

79.2460, -36.6033,  
26.9713

92.4800, -21.4356,  
15.3650

78.0890, -38.4979,  
27.9859

95.4950, -17.4990,  
12.7209

98.5100, -13.5624,  
10.0767

102.1120, -9.9152,  
6.9178

■ 105.1270, -5.9786,  
4.2736

■ 108.1420, -2.0420,  
1.6295

■ 111.7440, 1.6052,  
-1.5295

■ 114.7590, 5.5418,  
-4.1736

# Harmonies

## Analogous

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



87.3950, -22.3797, 38.2416



85.8630, -29.0195, 21.1681



83.2300, -25.7494, -1.0787

# Triad

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



85.8630, -29.0195, 21.1681



73.2290, 19.1141, -64.2218



91.3940, 16.0748, 24.2105

# Complementary

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



85.8630, -29.0195, 21.1681



51.1370, 29.0195, -21.1681

# 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.



88.8290, 26.2133, -7.7430



85.8630, -29.0195, 21.1681



74.2040, 30.4654, -65.0769

# Square

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



85.8630, -29.0195, 21.1681



69.6950, 5.5734, -61.1225



71.9360, 37.0066, -63.0879



89.4860, 3.2114, 43.4238



# Rectangle

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



85.8630, -29.0195, 21.1681



80.1830, -17.8382, -18.5775



71.9360, 37.0066, -63.0879



91.2510, 19.5963, 14.6889

# Sweetspot

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



85.8630, -29.0195, 21.1681



133.3680, -11.5204, 8.4473



54.7810, -0.8780, 48.4271



65.1980, -6.9996, 5.0884



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000



# Same Dimension

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



85.8630, -29.0195, 21.1681



105.2870, -45.4975, 33.0743



96.0530, -34.0431, -0.9235



54.1420, -2.0420, 1.6295



85.1880, -41.9977, 30.5301



175.4040, -86.4742, 62.7897



# Inverse Universe

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



51.1370, 29.0195, -21.1681



50.7130, 45.4975, -33.0743



40.9470, 34.0431, 0.9235



51.8580, 2.0420, -1.6295



34.8120, 41.9977, -30.5301

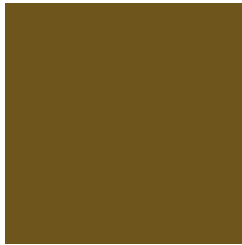


72.1830, 86.1848, -63.3045



# Previews

## White Background



This preview shows how the YUV color 85.8630, -29.0195, 21.1681 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 85.8630, -29.0195, 21.1681 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 85.8630, -29.0195, 21.1681

## Background



This preview shows how black text looks on a background with the YUV color 85.8630, -29.0195, 21.1681.



This preview shows how white text looks on a background with the YUV color 85.8630, -29.0195,



# 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

85.8630, -29.0195, 21.1681

### Protanopia

85.3350, -28.2662, 12.8612

### Deuteranopia

85.5750, -28.8775, 22.2977



## Tritanopia

90.1490, -2.5385, 20.9173

# Trichromacy



## Original Color

85.8630, -29.0195, 21.1681

## Protanomaly

85.9440, -28.5664, 15.8351

## Deuteranomaly

85.5750, -28.8775, 22.2977

## Tritanomaly

88.6300, -12.1426, 21.3725

# Monochromacy



## Original Color

85.8630, -29.0195, 21.1681

## Achromatopsia

86.0000, 0.0000, 0.0000

## Achromatomaly

86.2970, -10.4994, 7.6325

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 85.8630, -29.0195, 21.1681 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(110, 85, 27)` looks like.

```
.text, #text, p{  
    color:rgb(110, 85, 27)  
}
```

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(110, 85, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 85, 27) }
```

## Border

The CSS property to change the border of an element to YUV 85.8630, -29.0195, 21.1681 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(110, 85, 27) }
```



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

```
.border{ border-color:rgb(110, 85, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 85, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 85, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 85, 27);  
box-shadow:4px 4px 4px 4px rgb(110, 85,  
27) }
```

# Background

The CSS property to change the background color of an element to YUV 85.8630, -29.0195, 21.1681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 85, 27) }
```

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

```
.background{ background-color: rgb(110, 85,  
27) }
```

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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