

Converting Colors

YUV(84.2930, -41.5564,
-17.7970)

Have a look what the booklet for
YUV(84.2930, -41.5564, -17.7970)
contains.

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Color

**YUV(84.2930, -41.5564,
-17.7970)**

Conversions

Conversions Part 1

Format	Color
Hex	406F00
RGB	64, 111, 0
RGB Percent	25%, 44%, 0%
CMY	0.7490, 0.5647, 1.0000
CMYK	0.42, 0.00, 1.00, 0.56
HSL	85°, 100%, 22%
HSV	85°, 100%, 44%
XYZ	7.7988, 12.4589, 1.9938
YIQ	84.2930, 7.6190, -44.4850

Conversions

Conversions Part 2

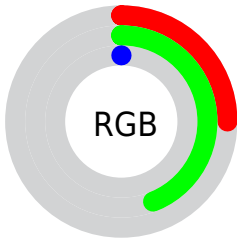
Format	Color
RYB	0, 111, 47
Decimal	4222720
CIELab	41.94, -32.46, 47.18
CIELCh	42, 57.261, 124.527
Yxy	12.4589, 0.3505, 0.5599
Android (android.graphics.Color)	4282412800 (0xFF406F00)
YUV	84.2930, -41.5564, -17.7970
Hunter-Lab	35.2971, -22.3309, 21.3590

Details

The YUV color **84.2930, -41.5564, -17.7970** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **26.7070, 41.5564, 17.7970**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.5040, -38.2095, -17.9820**, and **38.7750, -19.1161, -28.7437** is the 20% darker color. If you saturate the color by 10%, you get **84.2930, -41.5564, -17.7970**, and if you desaturate by 10%, it is **87.0420, -37.4887, -15.8228**.

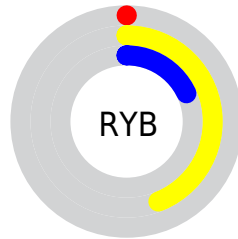
Distribution



Red (25%)

Green (44%)

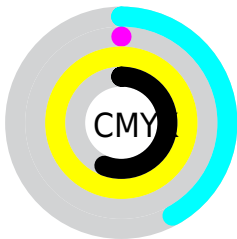
Blue (0%)



Red (0%)

Yellow (44%)

Blue (18%)

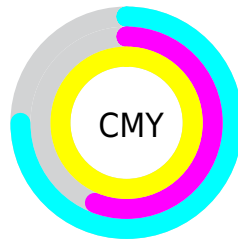


Cyan (42%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (75%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.2930, -41.5564, -17.7970 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 84.2930, -41.5564, -17.7970 by changing the saturation by 10% instead.

■ 84.2930, -41.5564,
-17.7970

■ 84.2930, -41.5564,
-17.7970

■ 254.5440, -1.7472,
0.3999

■ 61.8440, -30.4891,
-20.9112

■ 137.5040,
-38.2095, -17.9820

■ 38.7750, -19.1161,
-28.7437

■ 164.3900,
-38.6463, -17.8820

■ 24.0670, -11.8650,
-21.1068

■ 192.1620,
-39.5199, -17.6821

■ 7.6310, -3.7621,
-6.6924


■ 220.5210,
-40.6829, -17.9969


■ 0.0000, 0.0000,
0.0000


■ 237.0800,
-35.0424, -7.0862


■ 247.9320,


-27.0815, 6.1986


 251.2380,
-14.4143, 3.2993


 84.2930, -41.5564,
-17.7970

 87.0420, -37.4887,
-15.8228

 89.4920, -33.2736,
-14.4635

 92.2410, -29.2058,
-12.4894

 94.9900, -25.1381,
-10.5152

 97.8530, -20.6335,
-8.6411

■ 100.3030,
-16.4184, -7.2817

■ 103.0520,
-12.3506, -5.3076

■ 105.8010, -8.2829,
-3.3335

■ 108.2510, -4.0677,
-1.9741

Harmonies

Analogous

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



91.9000, -45.3067, 18.5047



84.2930, -41.5564, -17.7970



75.0630, -9.3981, -65.8303

Triad

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



84.2930, -41.5564, -17.7970



87.8940, 47.3803, -77.0830



91.2500, 1.3558, 78.7108

Complementary

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



84.2930, -41.5564, -17.7970



26.7070, 41.5564, 17.7970

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.



97.8460, 20.7819, 54.5091



84.2930, -41.5564, -17.7970



82.5770, 54.9315, -72.4200

Square

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



84.2930, -41.5564, -17.7970



87.0670, 31.5190, -76.3578



100.8920, 37.5212, 5.3567



92.1420, -21.7620, 73.5435

Rectangle

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



84.2930, -41.5564, -17.7970



79.9990, 4.4375, -70.1591



100.8920, 37.5212, 5.3567



92.4650, 8.6448, 74.1372

Sweetspot

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



84.2930, -41.5564, -17.7970



134.7160, -16.1290, -6.7669



60.1910, -29.6742, 44.5595



67.6330, -10.1721, -4.0631



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



84.2930, -41.5564, -17.7970



110.2310, -54.3439, -23.0046



67.8480, -33.4491, -51.6097



54.7180, -2.3260, -0.6297



91.0710, -44.8980, -19.3563



187.7460, -92.5588, -39.2422

Inverse Universe

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



26.7070, 41.5564, 17.7970



35.0680, 54.1965, 23.6194



43.1520, 33.4491, 51.6097



51.5810, 2.1786, 1.2445



28.9290, 44.8980, 19.3563



59.5530, 92.4114, 39.8570

Previews

White Background



This preview shows how the YUV color 84.2930, -41.5564, -17.7970 looks on a white background.

Color Contrast Check

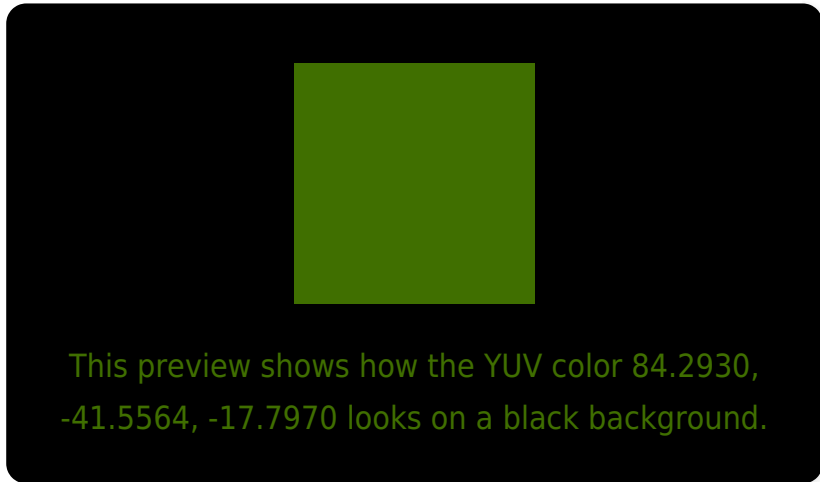
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.2930, -41.5564, -17.7970

Background



This preview shows how black text looks on a background with the YUV color 84.2930, -41.5564, -17.7970.



This preview shows how white text looks on a background with the YUV color 84.2930, -41.5564, -17.7970.

-17.7970.

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

84.2930, -41.5564, -17.7970

Protanopia

91.3020, -45.0119, 17.2751

Deuteranopia

94.7620, -35.8717, 25.6417



Tritanopia

96.1380, 7.3270, -16.7840

Trichromacy



Original Color

84.2930, -41.5564, -17.7970

Protanomaly

88.5670, -43.6635, 4.7647

Deuteranomaly

90.7940, -37.8594, 9.8277

Tritanomaly

91.8440, -10.2761, -17.4032

Monochromacy



Original Color

84.2930, -41.5564, -17.7970

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.2430, -15.4028, -6.3521

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.2930, -41.5564, -17.7970 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(64, 111, 0)` looks like.

```
.text, #text, p{  
    color:rgb(64, 111, 0)  
}
```

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(64, 111, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 111, 0) }
```

Border

The CSS property to change the border of an element to YUV 84.2930, -41.5564, -17.7970 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(64, 111, 0) }
```


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

```
.border{ border-color:rgb(64, 111, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 111, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 111, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 111, 0);  
box-shadow:4px 4px 4px 4px rgb(64, 111, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.2930, -41.5564, -17.7970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 111, 0) }
```

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

```
.background{ background-color: rgb(64, 111,  
0) }
```

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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