

Converting Colors

YUV(85.4930, -21.4420,
-29.3734)

Have a look what the booklet for
YUV(85.4930, -21.4420, -29.3734)
contains.

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Color

**YUV(85.4930, -21.4420,
-29.3734)**

Conversions

Conversions Part 1

Format	Color
Hex	346F2A
RGB	52, 111, 42
RGB Percent	20%, 44%, 16%
CMY	0.7961, 0.5647, 0.8353
CMYK	0.53, 0.00, 0.62, 0.56
HSL	111°, 45%, 30%
HSV	111°, 62%, 44%
XYZ	7.5185, 12.2661, 4.1618
YIQ	85.4930, -13.0150, -33.9670

Conversions

Conversions Part 2

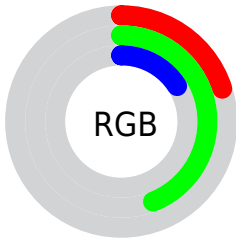
Format	Color
RYB	42, 111, 101
Decimal	3436330
CIELab	41.64, -33.80, 32.00
CIELCh	42, 46.543, 136.562
Yxy	12.2661, 0.3140, 0.5122
Android (android.graphics.Color)	4281626410 (0xFF346F2A)
YUV	85.4930, -21.4420, -29.3734
Hunter-Lab	35.0230, -22.9709, 17.4706

Details

The YUV color **85.4930, -21.4420, -29.3734** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **67.5070, 21.4420, 29.3734**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.0370, -23.1892, -28.9734**, and **36.3940, -17.9422, -31.9175** is the 20% darker color. If you saturate the color by 10%, you get **81.5480, -24.9202, -33.8066**, and if you desaturate by 10%, it is **89.4380, -17.9639, -24.9401**.

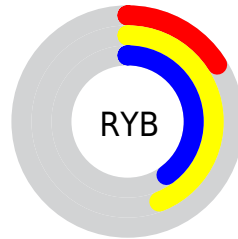
Distribution



Red (20%)

Green (44%)

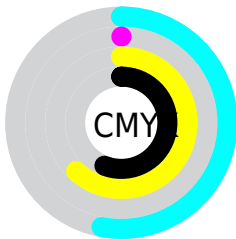
Blue (16%)



Red (16%)

Yellow (44%)

Blue (40%)

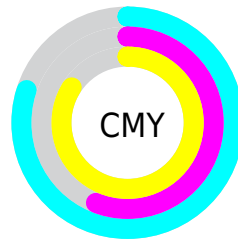


Cyan (53%)

Magenta (0%)

Yellow (62%)

Black (56%)



Cyan (80%)

Magenta (56%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.4930, -21.4420, -29.3734 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 85.4930, -21.4420, -29.3734 by changing the saturation by 10% instead.

85.4930, -21.4420,
-29.3734

85.4930, -21.4420,
-29.3734

255.0000, 0.0000,
0.0000

59.7100, -20.5630,
-31.3177

137.0370,
-23.1892, -28.9734

36.3940, -17.9422,
-31.9175

164.3960,
-24.3522, -29.2883

23.4800, -11.5756,
-20.5920

191.8690,
-25.0784, -29.7031

6.4570, -3.1833,
-5.6628

219.4560,
-25.3678, -30.2179

0.0000, 0.0000,
0.0000

236.0150,
-19.7274, -19.3072

247.8780,

-11.7719, -4.2780

254.7720, -0.8736,
0.2000

■ 85.4930, -21.4420,
-29.3734

■ 85.4930, -21.4420,
-29.3734

■ 81.5480, -24.9202,
-33.8066

■ 89.4380, -17.9639,
-24.9401

■ 77.3040, -28.2509,
-38.8546

■ 93.6820, -14.6332,
-19.8921

■ 73.3590, -31.7290,
-43.2878

■ 97.6270, -11.1551,
-15.4589

■ 69.9410, -34.4809,
-47.3063

■ 101.8710, -7.8244,
-10.4109

■ 105.9300, -3.9095,
-6.0776

■ 110.1740, -0.5788,
-1.0296

■ 114.1190, 2.8993,
3.4036

■ 118.3630, 6.2300,
8.4516

■ 122.3080, 9.7082,
12.8849

Harmonies

Analogous

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



90.9460, -38.4274, 5.3094



85.4930, -21.4420, -29.3734



76.5110, 1.2271, -67.1001

Triad

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



85.4930, -21.4420, -29.3734



82.5310, 44.6012, -72.3797



95.3330, -8.0522, 62.8520

Complementary

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



85.4930, -21.4420, -29.3734



67.5070, 21.4420, 29.3734

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.



98.4470, 9.1466, 53.1050



85.4930, -21.4420, -29.3734



94.5090, 38.2031, -26.7564

Square

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



85.4930, -21.4420, -29.3734



84.3600, 33.8395, -73.9837



101.5600, 24.3739, 22.3109



95.3970, -25.3387, 54.0258

Rectangle

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



85.4930, -21.4420, -29.3734



80.1760, 12.7312, -70.3144



101.5600, 24.3739, 22.3109



96.1140, -2.5212, 62.1670

Sweetspot

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



85.4930, -21.4420, -29.3734



135.0450, -8.4032, -11.4405



97.2640, -27.2452, 12.0465



67.5770, -5.2145, -7.5220



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.



85.4930, -21.4420, -29.3734



104.7670, -33.9021, -46.2767



85.2390, -9.4848, -37.9206



53.8210, -1.8838, -2.4740



75.5230, -37.2328, -51.3247



155.7530, -76.7862, -105.0234

Inverse Universe

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



67.5070, 21.4420, 29.3734



76.5320, 33.7547, 46.8914



67.7610, 9.4848, 37.9206



52.1790, 1.8838, 2.4740



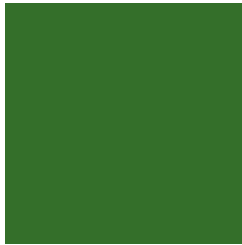
44.1780, 37.3802, 50.7099



91.5460, 76.6388, 105.6382

Previews

White Background



This preview shows how the YUV color 85.4930, -21.4420, -29.3734 looks on a white background.

Color Contrast Check

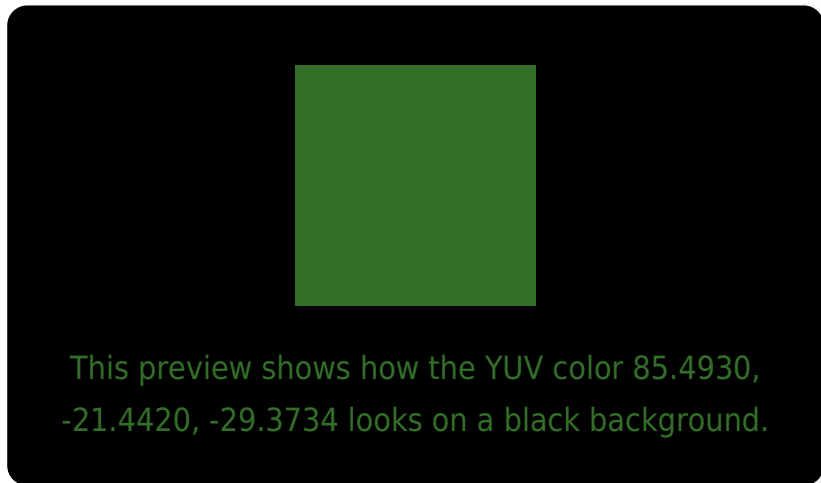
Large Text (above 18pt) WCAG AA ✓ Pass

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

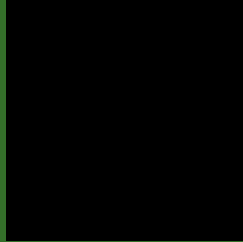
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.4930, -21.4420, -29.3734

Background



This preview shows how black text looks on a background with the YUV color 85.4930, -21.4420, -29.3734.



This preview shows how white text looks on a background with the YUV color 85.4930, -21.4420,

-29.3734.

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

85.4930, -21.4420, -29.3734

Protanopia

94.4490, -27.8294, 12.7612

Deuteranopia

96.1280, -24.2201, 21.8127



Tritanopia

93.5500, 9.0959, -24.1613

Trichromacy



Original Color

85.4930, -21.4420, -29.3734

Protanomaly

91.2190, -25.7440, -2.8231

Deuteranomaly

92.5340, -23.4343, 3.0397

Tritanomaly

90.9660, -1.9552, -26.2802

Monochromacy



Original Color

85.4930, -21.4420, -29.3734

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.8710, -7.8244, -10.4109

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.4930, -21.4420, -29.3734 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(52, 111, 42)` looks like.

```
.text, #text, p{  
    color:rgb(52, 111, 42)  
}
```

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(52, 111, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 111, 42) }
```

Border

The CSS property to change the border of an element to YUV 85.4930, -21.4420, -29.3734 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(52, 111, 42) }
```


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

```
.border{ border-color:rgb(52, 111, 42) }
```

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

Here you see how a box with a 4 pixel rgb(52, 111, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 111, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 111, 42);  
box-shadow:4px 4px 4px 4px rgb(52, 111,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 85.4930, -21.4420, -29.3734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 111, 42) }
```

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

```
.background{ background-color: rgb(52, 111,  
42) }
```

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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