

Converting Colors

YUV(34.5330, 48.5442,
-30.2854)

Have a look what the booklet for
YUV(34.5330, 48.5442, -30.2854)
contains.

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Color

**YUV(34.5330, 48.5442,
-30.2854)**

Conversions

Conversions Part 1

Format	Color
Hex	002185
RGB	0, 33, 133
RGB Percent	0%, 13%, 52%
CMY	1.0000, 0.8706, 0.4784
CMYK	1.00, 0.75, 0.00, 0.48
HSL	225°, 100%, 26%
HSV	225°, 100%, 52%
XYZ	4.7775, 2.7812, 22.4753
YIQ	34.5330, -51.7680, 24.1040

Conversions

Conversions Part 2

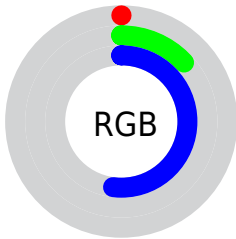
Format	Color
RYB	0, 26, 133
Decimal	8581
CIELab	19.15, 33.04, -57.60
CIElCh	19, 66.405, 299.836
Yxy	2.7812, 0.1591, 0.0926
Android (android.graphics.Color)	4278198661 (0xFF002185)
YUV	34.5330, 48.5442, -30.2854
Hunter-Lab	16.6768, 21.9513, -68.2312

Details

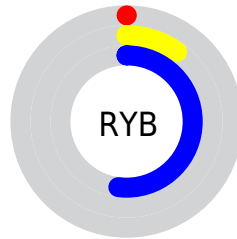
The YUV color **34.5330, 48.5442, -30.2854** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **98.4670, -48.5442, 30.2854**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.3230, 47.1688, -9.0533**, and **9.3480, 35.8174, -8.1982** is the 20% darker color. If you saturate the color by 10%, you get **34.5330, 48.5442, -30.2854**, and if you desaturate by 10%, it is **44.2900, 43.7340, -27.4413**.

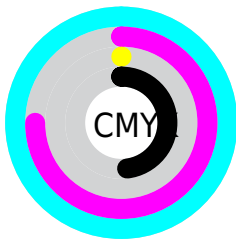
Distribution



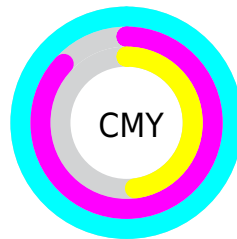
- Red (0%)
- Green (13%)
- Blue (52%)



- Red (0%)
- Yellow (10%)
- Blue (52%)



- Cyan (100%)
- Magenta (75%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (87%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.5330, 48.5442, -30.2854 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 34.5330, 48.5442, -30.2854 by changing the saturation by 10% instead.

■ 34.5330, 48.5442,
-30.2854

■ 34.5330, 48.5442,
-30.2854

■ 255.0000, 0.0000,
0.0000

■ 19.8290, 42.9753,
-17.3900

■ 91.3230, 47.1688,
-9.0533

■ 9.3480, 35.8174,
-8.1982

■ 117.2740, 48.1789,
-6.3793

■ 9.5470, 23.8873,
-8.3727

■ 143.9260, 49.3365,
-4.3201

■ 5.1640, 14.7091,
-4.5288

■ 169.1130, 42.3423,
-0.9761

■ 1.2540, 4.8048,
-1.0998

■ 193.6330, 30.2539,
2.9529

■ 0.0000, 0.0000,
0.0000

■ 218.1530, 18.1656,

6.8818

■ 243.8470, 5.4984,
9.7812

■ 34.5330, 48.5442,
-30.2854

■ 44.2900, 43.7340,
-27.4413

■ 54.3460, 38.7764,
-23.9824

■ 64.1030, 33.9662,
-21.1383

■ 73.8600, 29.1560,
-18.2942

■ 83.9160, 24.1984,
-14.8353

■ 93.6730, 19.3882,
-11.9912

■ 103.4300, 14.5780,
-9.1471

■ 113.1870, 9.7678,
-6.3030

■ 123.2430, 4.8102,
-2.8441

Harmonies

Analogous

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



49.0430, 48.2928, -43.0107



34.5330, 48.5442, -30.2854



40.5450, 27.3393, 51.2650

Triad

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



34.5330, 48.5442, -30.2854



38.0850, -18.7759, 49.0375



42.1110, 1.4243, -36.9313

Complementary

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



34.5330, 48.5442, -30.2854



98.4670, -48.5442, 30.2854

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.



35.8070, -17.6529, -31.4027



34.5330, 48.5442, -30.2854



44.0560, -21.7196, 13.1059

Square

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



34.5330, 48.5442, -30.2854



35.2820, -17.3940, 72.5437



32.8720, -16.2059, -28.8287



48.2840, 22.5380, -42.3451

Rectangle

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



34.5330, 48.5442, -30.2854



42.9910, 10.8504, 66.6599



32.8720, -16.2059, -28.8287



39.5860, -5.7119, -34.7169

Sweetspot

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



34.5330, 48.5442, -30.2854



134.5590, 18.9514, -11.8912



89.4710, 5.1908, -78.4661



63.3440, 11.6624, -7.3177



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



34.5330, 48.5442, -30.2854



44.9630, 63.1222, -39.4326



25.0290, 53.2297, 6.9906



61.2710, 2.3314, -1.1147



33.6040, 47.5232, -29.4707



0.9290, 1.0210, -0.8147

Inverse Universe

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



43.5290, -5.1908, 78.4661



56.6290, -6.7191, 102.0574



107.9710, -53.2297, -6.9906



61.9080, -0.4476, 3.5887



42.5180, -5.1854, 76.7217



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 34.5330, 48.5442, -30.2854 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 34.5330, 48.5442, -30.2854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

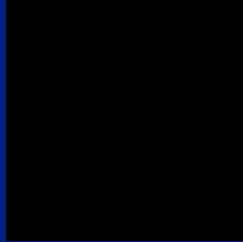
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.5330, 48.5442, -30.2854

Background



This preview shows how black text looks on a background with the YUV color 34.5330, 48.5442, -30.2854.



This preview shows how white text looks on a background with the YUV color 34.5330, 48.5442,

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

34.5330, 48.5442, -30.2854

Protanopia

38.0600, 29.0574, -33.3786

Deuteranopia

38.1110, 21.6373, -33.4233



Tritanopia

37.4950, 9.1230, -32.8831

Trichromacy



Original Color

34.5330, 48.5442, -30.2854

Protanomaly

36.6070, 36.1827, -32.1043

Deuteranomaly

36.7550, 31.6728, -32.2341

Tritanomaly

36.5780, 23.3790, -32.0789

Monochromacy



Original Color

34.5330, 48.5442, -30.2854

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.6300, 17.9304, -11.0765

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.5330, 48.5442, -30.2854 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(0, 33, 133)` looks like.

```
.text, #text, p{  
    color:rgb(0, 33, 133)  
}
```

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(0, 33, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 33, 133) }
```

Border

The CSS property to change the border of an element to YUV 34.5330, 48.5442, -30.2854 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(0, 33, 133) }
```


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

```
.border{ border-color:rgb(0, 33, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 33, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 33, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 33, 133);  
box-shadow:4px 4px 4px 4px rgb(0, 33, 133)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.5330, 48.5442, -30.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 33, 133) }
```

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

```
.background{ background-color: rgb(0, 33,  
133) }
```

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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