

Converting Colors

YUV(71.0530, -13.8301, 2.5845)

Have a look what the booklet for
YUV(71.0530, -13.8301, 2.5845)
contains.

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Color

**YUV(71.0530, -13.8301,
2.5845)**

Conversions

Conversions Part 1

Format	Color
Hex	4A4B2B
RGB	74, 75, 43
RGB Percent	29%, 29%, 17%
CMY	0.7098, 0.7059, 0.8314
CMYK	0.01, 0.00, 0.43, 0.71
HSL	62°, 27%, 23%
HSV	62°, 43%, 29%
XYZ	5.7762, 6.6624, 3.2670
YIQ	71.0530, 9.6760, -10.1640

Conversions

Conversions Part 2

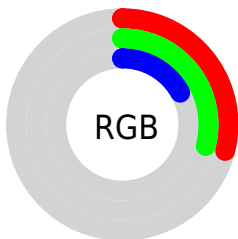
Format	Color
R_{YB}	43, 75, 44
Decimal	4868907
CIE Lab	31.03, -6.12, 18.93
CIE LCh	31, 19.895, 107.910
Yxy	6.6624, 0.3678, 0.4242
Android (android.graphics.Color)	4283058987 (0xFF4A4B2B)
YUV	71.0530, -13.8301, 2.5845
Hunter-Lab	25.8117, -5.2255, 10.5637

Details

The YUV color **71.0530, -13.8301, 2.5845** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **46.9470, 13.8301, -2.5845**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.7110, -15.1405, 2.8845**, and **27.4660, -13.5407, 3.0993** is the 20% darker color. If you saturate the color by 10%, you get **70.2550, -16.8877, 3.2844**, and if you desaturate by 10%, it is **71.9650, -10.3357, 1.7847**.

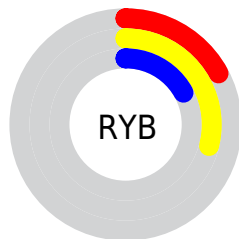
Distribution



Red (29%)

Green (29%)

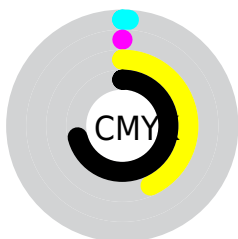
Blue (17%)



Red (17%)

Yellow (29%)

Blue (17%)

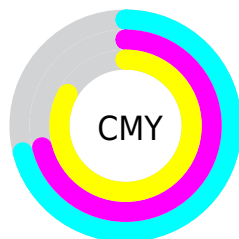


Cyan (1%)

Magenta (0%)

Yellow (43%)

Black (71%)



Cyan (71%)

Magenta (71%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.0530, -13.8301, 2.5845 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 71.0530, -13.8301, 2.5845 by changing the saturation by 10% instead.

■ 71.0530, -13.8301,
2.5845

■ 71.0530, -13.8301,
2.5845

255.0000, 0.0000,
0.0000

■ 48.2810, -12.9565,
2.3846

■ 119.7110,
-15.1405, 2.8845

■ 27.4660, -13.5407,
3.0993

■ 145.0100,
-15.2879, 3.4992

■ 4.1090, -2.0257,
-3.6036

■ 171.7820,
-16.1615, 3.6992

■ 0.0000, 0.0000,
0.0000

■ 199.6680,
-16.5983, 3.7992

■ 227.5540,
-17.0351, 3.8991

■ 251.1240,

-14.8511, 3.3993

254.3160, -2.6208,
0.5999

71.0530, -13.8301,
2.5845

71.0530, -13.8301,
2.5845

70.2550, -16.8877,
3.2844

71.9650, -10.3357,
1.7847

69.3430, -20.3821,
4.0842

72.7630, -7.2782,
1.0848

68.2460, -23.2923,
4.1693

73.9740, -3.9312,
0.8998

67.3340, -26.7867,
4.9691

74.7720, -0.8736,
0.2000

66.5360, -29.8442,
5.6689

75.6840, 2.6208,
-0.5999

■ 65.8520, -32.4650,
6.2688

■ 76.4820, 5.6784,
-1.2997

■ 77.6930, 9.0254,
-1.4848

■ 78.4910, 12.0829,
-2.1846

■ 79.4030, 15.5773,
-2.9844

Harmonies

Analogous

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



72.6030, -14.5943, 14.3802



71.0530, -13.8301, 2.5845



69.0450, -8.4032, -11.4405

Triad

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



71.0530, -13.8301, 2.5845



62.6880, 16.4228, -40.9454



75.1150, 2.4083, 20.9471

Complementary

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



71.0530, -13.8301, 2.5845



46.9470, 13.8301, -2.5845

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.



75.1720, 9.2822, 9.4962



71.0530, -13.8301, 2.5845



68.3140, 17.1002, -24.8314

Square

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



71.0530, -13.8301, 2.5845



61.9780, 9.8708, -39.4457



73.0390, 14.2778, -6.1732



74.1990, -5.0281, 26.1355

Rectangle

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



71.0530, -13.8301, 2.5845



67.0700, -2.9925, -20.2324



73.0390, 14.2778, -6.1732



75.3750, 4.7451, 18.0881

Sweetspot

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



71.0530, -13.8301, 2.5845



95.5180, -5.6784, 1.2997



53.1550, -5.0064, 19.1581



47.2020, -3.0576, 0.6998



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



71.0530, -13.8301, 2.5845



90.7020, -21.5451, 3.7693



66.2690, -11.4716, -7.2519



37.5440, -1.7472, 0.3999



89.4750, -44.1112, 8.3534



201.3880, -99.2843, 18.0767

Inverse Universe

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



46.9470, 13.8301, -2.5845



53.2980, 21.5451, -3.7693



51.7310, 11.4716, 7.2519



34.7550, 1.5998, 0.2149



12.5250, 44.1112, -8.3534



28.3130, 99.4317, -18.6915

Previews

White Background



This preview shows how the YUV color 71.0530, -13.8301, 2.5845 looks on a white background.

Color Contrast Check

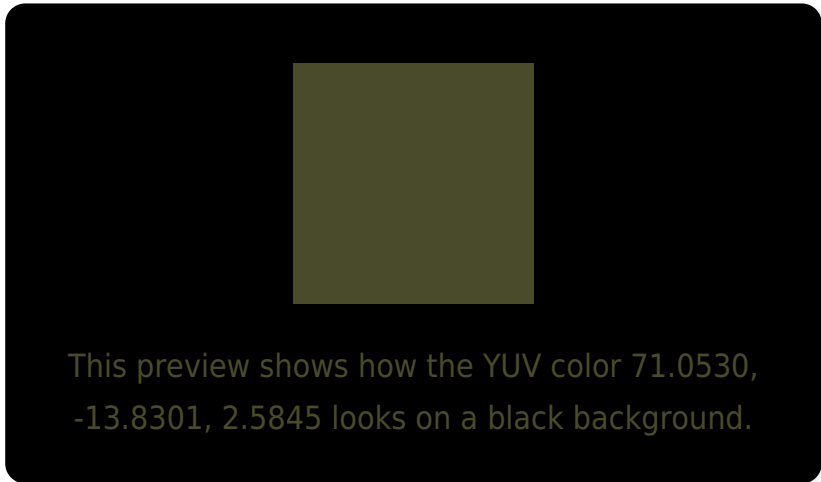
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

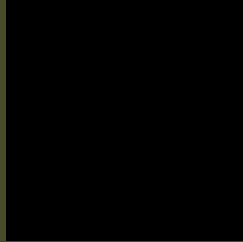
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

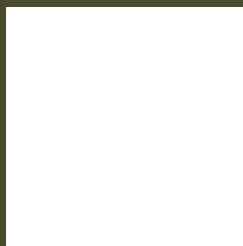
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 71.0530, -13.8301, 2.5845

Background



This preview shows how black text looks on a background with the YUV color 71.0530, -13.8301, 2.5845.



This preview shows how white text looks on a background with the YUV color 71.0530, -13.8301,

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

71.0530, -13.8301, 2.5845

Protanopia

71.5590, -14.5726, 7.4028

Deuteranopia

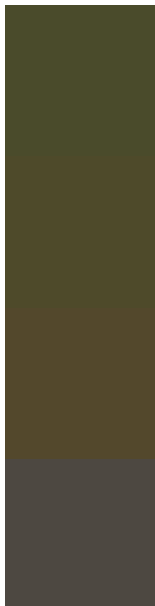
72.4180, -14.0101, 13.6654



Tritanopia

73.7770, 1.5889, 3.7036

Trichromacy



Original Color

71.0530, -13.8301, 2.5845

Protanomaly

71.5480, -14.5672, 5.6584

Deuteranomaly

72.0970, -13.8518, 9.5619

Tritanomaly

72.6970, -3.7946, 3.7737

Monochromacy



Original Color

71.0530, -13.8301, 2.5845

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.7460, -4.8048, 1.0998

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.0530, -13.8301, 2.5845 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(74, 75, 43)` looks like.

```
.text, #text, p{  
    color:rgb(74, 75, 43)  
}
```

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(74, 75, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 75, 43) }
```

Border

The CSS property to change the border of an element to YUV 71.0530, -13.8301, 2.5845 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(74, 75, 43) }
```


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

```
.border{ border-color:rgb(74, 75, 43) }
```

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

Here you see how a box with a 4 pixel rgb(74, 75, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 75, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 75, 43);  
box-shadow:4px 4px 4px 4px rgb(74, 75, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.0530, -13.8301, 2.5845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 75, 43) }
```

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

```
.background{ background-color: rgb(74, 75,  
43) }
```

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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