

Converting Colors

YUV(52.9830, -21.1906,
-16.6481)

Have a look what the booklet for
YUV(52.9830, -21.1906, -16.6481)
contains.

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Color

**YUV(52.9830, -21.1906,
-16.6481)**

Conversions

Conversions Part 1

Format	Color
Hex	22470A
RGB	34, 71, 10
RGB Percent	13%, 28%, 4%
CMY	0.8667, 0.7216, 0.9608
CMYK	0.52, 0.00, 0.86, 0.72
HSL	96°, 75%, 16%
HSV	96°, 86%, 28%
XYZ	2.9677, 4.8685, 1.0705
YIQ	52.9830, -2.4710, -26.8150

Conversions

Conversions Part 2

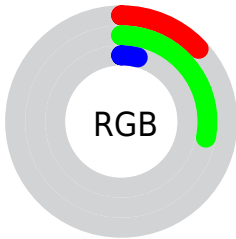
Format	Color
RYB	10, 71, 47
Decimal	2246410
CIELab	26.36, -25.13, 30.18
CIELCh	26, 39.273, 129.775
Yxy	4.8685, 0.3332, 0.5466
Android (android.graphics.Color)	4280436490 (0xFF22470A)
YUV	52.9830, -21.1906, -16.6481
Hunter-Lab	22.0646, -14.6047, 12.5688

Details

The YUV color **52.9830, -21.1906, -16.6481** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **28.0170, 21.1906, 16.6481**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.7550, -22.0642, -16.4481**, and **17.6100, -8.6817, -15.4440** is the 20% darker color. If you saturate the color by 10%, you get **50.9890, -23.6586, -18.4074**, and if you desaturate by 10%, it is **54.9770, -18.7227, -14.8888**.

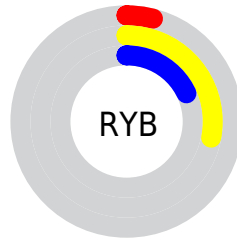
Distribution



Red (13%)

Green (28%)

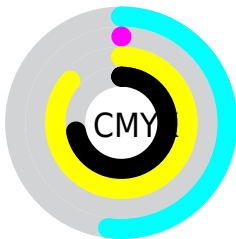
Blue (4%)



Red (4%)

Yellow (28%)

Blue (18%)

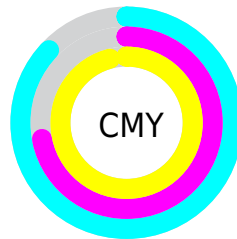


Cyan (52%)

Magenta (0%)

Yellow (86%)

Black (72%)



Cyan (87%)

Magenta (72%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.9830, -21.1906, -16.6481 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 52.9830, -21.1906, -16.6481 by changing the saturation by 10% instead.

■ 52.9830, -21.1906,
-16.6481

■ 52.9830, -21.1906,
-16.6481

■ 253.4040, -6.1152,
1.3997

■ 31.4650, -15.5122,
-17.9478

■ 101.7550,
-22.0642, -16.4481

■ 17.6100, -8.6817,
-15.4440

■ 127.2280,
-22.7904, -16.8630

■ 0.0000, 0.0000,
0.0000


■ 153.1140,
-23.2272, -16.7630


■ 180.4730,
-24.3902, -17.0778


■ 208.3590,
-24.8270, -16.9778


■ 235.6580,


-24.9744, -16.3631


 247.5210,
-17.0189, -1.3339


 52.9830, -21.1906,
-16.6481


 52.9830, -21.1906,
-16.6481


 50.9890, -23.6586,
-18.4074


 54.9770, -18.7227,
-14.8888

 50.0490, -24.6742,
-19.3370

 57.2700, -16.4021,
-12.5148

 59.2640, -13.9342,
-10.7555

 61.2580, -11.4662,
-8.9963

 63.6650, -8.7088,
-6.7222

■ 65.6590, -6.2409,
-4.9629

■ 67.6530, -3.7729,
-3.2037

■ 69.6470, -1.3050,
-1.4444

■ 71.9400, 1.0156,
0.9296

Harmonies

Analogous

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



57.6010, -28.3973, 8.2429



52.9830, -21.1906, -16.6481



48.5850, -4.2324, -42.6090

Triad

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



52.9830, -21.1906, -16.6481



55.2430, 31.4322, -48.4481



58.1510, -2.0464, 49.8566

Complementary

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



52.9830, -21.1906, -16.6481



28.0170, 21.1906, 16.6481

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.



61.5160, 11.0846, 38.1355



52.9830, -21.1906, -16.6481



50.8890, 35.0577, -44.6297

Square

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



52.9830, -21.1906, -16.6481



55.4250, 21.9755, -48.6077



64.5000, 21.9385, 10.0855



59.2200, -16.8705, 44.5341

Rectangle

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



52.9830, -21.1906, -16.6481



51.5660, 4.6510, -45.2234



64.5000, 21.9385, 10.0855



58.9920, 2.4689, 48.2420

Sweetspot

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



52.9830, -21.1906, -16.6481



84.7790, -8.2720, -6.8222



49.9580, -19.6993, 18.4538



41.7130, -4.7885, -4.1333



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



52.9830, -21.1906, -16.6481



64.7680, -31.9306, -25.2295



46.4910, -15.0321, -32.0026



34.9460, -1.4524, -0.8296



69.7740, -34.3986, -26.9888



159.8600, -78.8110, -62.1442

Inverse Universe

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



28.0170, 21.1906, 16.6481



27.2320, 31.9306, 25.2295



34.5090, 15.0321, 32.0026



33.0540, 1.4524, 0.8296



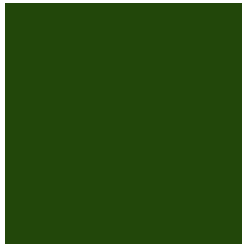
29.2260, 34.3986, 26.9888



67.1400, 78.8110, 62.1442

Previews

White Background



This preview shows how the YUV color 52.9830, -21.1906, -16.6481 looks on a white background.

Color Contrast Check

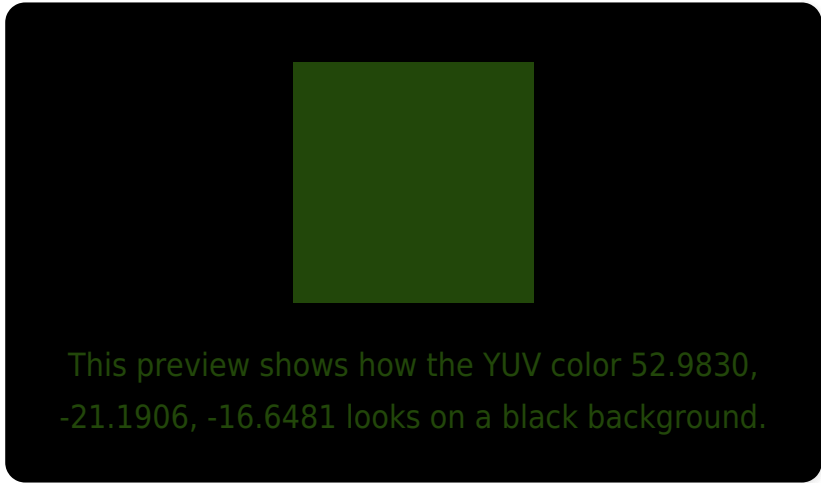
Large Text (above 18pt) WCAG AA ✓ Pass

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

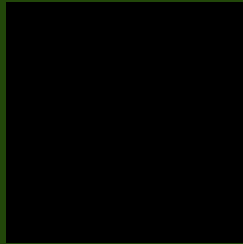
Any Text WCAG AA × Fail

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 52.9830, -21.1906, -16.6481 Background



This preview shows how black text looks on a background with the YUV color 52.9830, -21.1906, -16.6481.



This preview shows how white text looks on a background with the YUV color 52.9830, -21.1906, -16.6481.

-16.6481.

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

52.9830, -21.1906, -16.6481

Protanopia

58.7090, -25.4925, 9.9022

Deuteranopia

59.8930, -21.1462, 15.8798



Tritanopia

59.9920, 5.4269, -14.0250

Trichromacy



Original Color

52.9830, -21.1906, -16.6481

Protanomaly

56.6970, -24.0076, 0.2657

Deuteranomaly

57.1150, -21.2557, 4.2841

Tritanomaly

57.4620, -4.1718, -15.3142

Monochromacy



Original Color

52.9830, -21.1906, -16.6481

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.1920, -7.9827, -6.3074

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.9830, -21.1906, -16.6481 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(34, 71, 10)` looks like.

```
.text, #text, p{  
    color:rgb(34, 71, 10)  
}
```

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(34, 71, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 71, 10) }
```

Border

The CSS property to change the border of an element to YUV 52.9830, -21.1906, -16.6481 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(34, 71, 10) }
```


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

```
.border{ border-color:rgb(34, 71, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 71, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 71, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 71, 10);  
box-shadow:4px 4px 4px 4px rgb(34, 71, 10)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.9830, -21.1906, -16.6481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 71, 10) }
```

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

```
.background{ background-color: rgb(34, 71,  
10) }
```

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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