

Converting Colors

YUV(38.2850, -18.8745,
33.9531)

Have a look what the booklet for
YUV(38.2850, -18.8745, 33.9531)
contains.

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Color

**YUV(38.2850, -18.8745,
33.9531)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 4D1A00 |
| RGB | 77, 26, 0 |
| RGB Percent | 30%, 10%, 0% |
| CMY | 0.6980, 0.8980, 1.0000 |
| CMYK | 0.00, 0.66, 1.00, 0.70 |
| HSL | 20°, 100%, 15% |
| HSV | 20°, 100%, 30% |
| XYZ | 3.4300, 2.3166, 0.2664 |
| YIQ | 38.2850, 38.7420, 2.7260 |

Conversions

Conversions Part 2

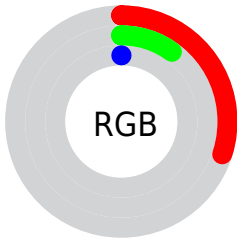
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 77, 39, 0 |
| Decimal | 5052928 |
| CIE _{Lab} | 17.07, 22.70, 25.62 |
| CIE _{LCh} | 17, 34.225, 48.461 |
| Yxy | 2.3166, 0.5704, 0.3853 |
| Android (android.graphics.Color) | 4283243008 (0xFF4D1A00) |
| YUV | 38.2850, -18.8745, 33.9531 |
| Hunter-Lab | 15.2203, 13.5903, 9.6166 |

Details

The YUV color **38.2850, -18.8745, 33.9531** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **38.7150, 18.8745, -33.9531**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.7910, -19.6170, 38.7713**, and **6.5780, -3.2430, 13.5251** is the 20% darker color. If you saturate the color by 10%, you get **38.2850, -18.8745, 33.9531**, and if you desaturate by 10%, it is **42.1320, -16.8271, 30.5792**.

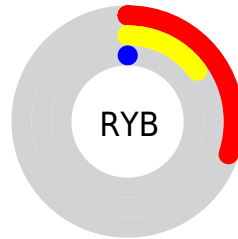
Distribution



Red (30%)

Green (10%)

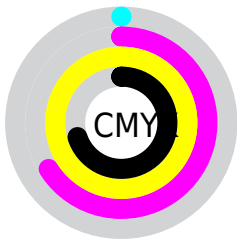
Blue (0%)



Red (30%)

Yellow (15%)

Blue (0%)

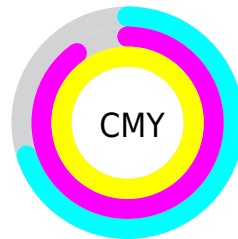


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (70%)



Cyan (70%)


Magenta (90%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 38.2850, -18.8745, 33.9531 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 38.2850, -18.8745, 33.9531 by changing the saturation by 10% instead.


 38.2850, -18.8745,
33.9531


 38.2850, -18.8745,
33.9531


 251.6940,
-12.6671, 2.8994

 17.5970, -8.6753,
29.2944


 86.7910, -19.6170,
38.7713

 6.5780, -3.2430,
13.5251

 111.5740,
-20.4960, 40.7156

 0.0000, 0.0000,
0.0000


 137.6560,
-21.5224, 43.2747


 164.3250,
-22.8382, 45.3190


 191.8090,
-23.5698, 46.6485


 213.7260,


-21.0639, 36.1973


 233.2400,
-17.3733, 19.0835


 38.2850, -18.8745,
33.9531

 42.1320, -16.8271,
30.5792

 45.8650, -15.2164,
27.3054

 49.7120, -13.1690,
23.9316

 53.5590, -11.1216,
20.5578

 57.4060, -9.0742,
17.1839

■ 61.7260, -7.7529,
13.3953

■ 65.5730, -5.7055,
10.0215

■ 69.4200, -3.6581,
6.6477

■ 73.1530, -2.0474,
3.3738

Harmonies

Analogous

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



36.8250, -4.3507, 42.2495



38.2850, -18.8745, 33.9531



39.9580, -19.6993, 18.4538

Triad

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



38.2850, -18.8745, 33.9531



34.0580, -1.5076, -29.8689



38.1110, 25.0883, -20.2683

Complementary

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



38.2850, -18.8745, 33.9531



38.7150, 18.8745, -33.9531

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.



38.4360, 25.4211, -33.7084



38.2850, -18.8745, 33.9531



37.6090, 9.5598, -32.9831

Square

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



38.2850, -18.8745, 33.9531



31.1870, -13.8962, -22.9660



39.4160, 19.0219, -34.5678



43.2250, 15.6651, 15.5887

Rectangle

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



38.2850, -18.8745, 33.9531



39.2940, -19.3719, 6.7582



39.4160, 19.0219, -34.5678



35.6150, 27.3048, -31.2344

Sweetspot

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



38.2850, -18.8745, 33.9531



84.5410, -7.1687, 12.6805



28.8370, 10.9264, 42.2390



41.9040, -4.3897, 7.9772



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



38.2850, -18.8745, 33.9531



49.5590, -24.4326, 43.3598



60.5910, -29.8714, 14.3907



36.3700, -1.1684, 1.4295



50.4560, -24.8748, 45.2041



113.9690, -56.1867, 101.7592

Inverse Universe

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



38.7150, 18.8745, -33.9531



50.0280, 24.1432, -43.8746



16.4090, 29.8714, -14.3907



36.2170, 0.8790, -1.9443



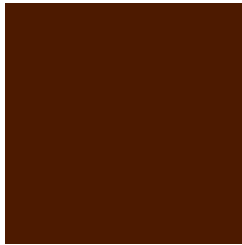
51.5440, 24.8748, -45.2041



115.4440, 56.4761, -101.2444

Previews

White Background



This preview shows how the YUV color 38.2850, -18.8745, 33.9531 looks on a white background.

Color Contrast Check

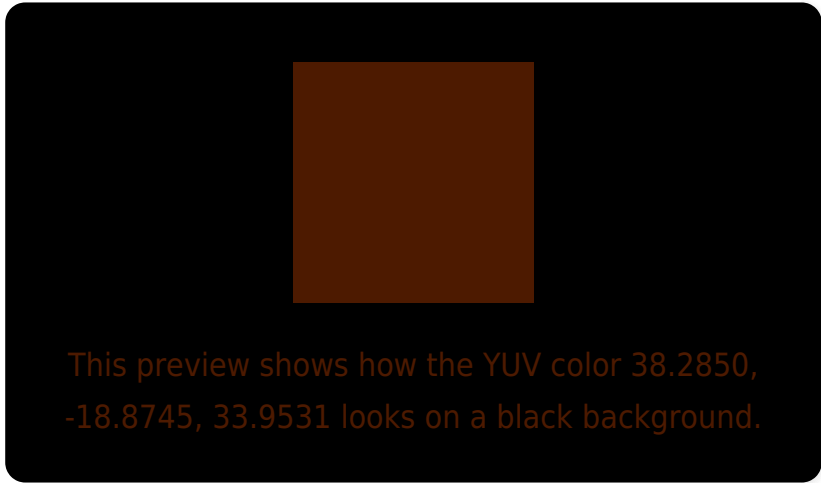
Large Text (above 18pt) WCAG AA ✓ Pass

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

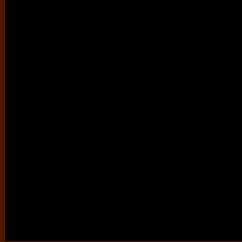
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.2850, -18.8745, 33.9531

Background



This preview shows how black text looks on a background with the YUV color 38.2850, -18.8745, 33.9531.

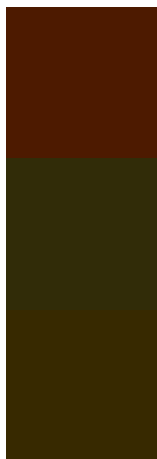


This preview shows how white text looks on a background with the YUV color 38.2850, -18.8745,

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

38.2850, -18.8745, 33.9531

Protanopia

41.3910, -16.4618, 6.6731

Deuteranopia

40.5120, -19.9724, 12.7060



Tritanopia

39.9610, -7.3758, 32.4832

Trichromacy



Original Color

38.2850, -18.8745, 33.9531

Protanomaly

39.9300, -17.2205, 16.7244

Deuteranomaly

39.9690, -19.7047, 20.1982

Tritanomaly

39.5220, -11.5963, 32.8682

Monochromacy



Original Color

38.2850, -18.8745, 33.9531

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.2420, -7.0213, 12.0658

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.2850, -18.8745, 33.9531 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(77, 26, 0)` looks like.

```
.text, #text, p{  
    color:rgb(77, 26, 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(77, 26, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 26, 0) }
```

Border

The CSS property to change the border of an element to YUV 38.2850, -18.8745, 33.9531 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(77, 26, 0) }
```


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

```
.border{ border-color:rgb(77, 26, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 26, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 26, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(77, 26, 0); box-shadow:4px  
4px 4px 4px rgb(77, 26, 0) }
```

Background

The CSS property to change the background color of an element to YUV 38.2850, -18.8745, 33.9531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 26, 0) }
```

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

```
.background{ background-color: rgb(77, 26,  
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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