

Converting Colors

YUV(71.2850, -18.8745,
33.9531)

Have a look what the booklet for
YUV(71.2850, -18.8745, 33.9531)
contains.

YUV(71.2850, -18.8745, 33.9531)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(71.2850, -18.8745,
33.9531)**

Conversions

Conversions Part 1

Format	Color
Hex	6E3B21
RGB	110, 59, 33
RGB Percent	43%, 23%, 13%
CMY	0.5686, 0.7686, 0.8706
CMYK	0.00, 0.46, 0.70, 0.57
HSL	20°, 54%, 28%
HSV	20°, 70%, 43%
XYZ	8.2689, 6.5527, 2.2678
YIQ	71.2850, 38.7420, 2.7260

Conversions

Conversions Part 2

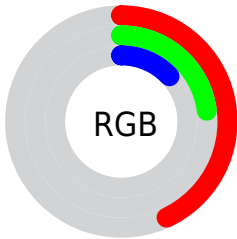
Format	Color
R_{YB}	110, 72, 33
Decimal	7224097
CIE _{Lab}	30.77, 19.97, 25.60
CIE _{LCh}	31, 32.472, 52.044
Yxy	6.5527, 0.4839, 0.3834
Android (android.graphics.Color)	4285414177 (0xFF6E3B21)
YUV	71.2850, -18.8745, 33.9531
Hunter-Lab	25.5983, 12.8629, 12.6661

Details

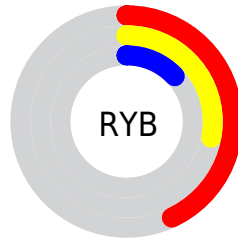
The YUV color **71.2850, -18.8745, 33.9531** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **71.7150, 18.8745, -33.9531**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.0360, -21.2167, 38.5564**, and **26.1470, -12.8905, 27.9351** is the 20% darker color. If you saturate the color by 10%, you get **65.9220, -21.6535, 38.6564**, and if you desaturate by 10%, it is **76.6480, -16.0955, 29.2497**.

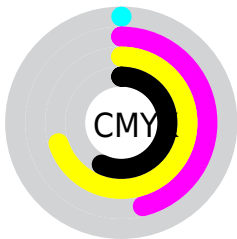
Distribution



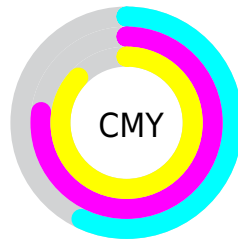
- Red (43%)
- Green (23%)
- Blue (13%)



- Red (43%)
- Yellow (28%)
- Blue (13%)



- Cyan (0%)
- Magenta (46%)
- Yellow (70%)
- Black (57%)



- Cyan (57%)
- Magenta (77%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.2850, -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 71.2850, -18.8745, 33.9531 by changing the saturation by 10% instead.

■ 71.2850, -18.8745,
33.9531

■ 71.2850, -18.8745,
33.9531

■ 255.0000, 0.0000,
0.0000

■ 47.7900, -18.1375,
30.8792

■ 121.0360,
-21.2167, 38.5564

■ 26.1470, -12.8905,
27.9351

■ 146.8190,
-22.0958, 40.5007

■ 10.4650, -5.1592,
21.5172

■ 174.3030,
-22.8274, 41.8303

■ 0.0000, 0.0000,
0.0000

■ 202.0860,
-23.7064, 43.7746

■ 222.4970,
-20.4580, 28.5051

■ 242.0110,

-16.7674, 11.3914

252.9480, -7.8624,
1.7996

71.2850, -18.8745,
33.9531

71.2850, -18.8745,
33.9531

65.9220, -21.6535,
38.6564

76.6480, -16.0955,
29.2497

59.9720, -24.1432,
43.8746

82.5980, -13.6058,
24.0316

54.6090, -26.9222,
48.5779

87.9610, -10.8268,
19.3282

93.3240, -8.0477,
14.6249

98.6870, -5.2687,
9.9215

■ 104.6370, -2.7790,
4.7034

■ 110.0000, 0.0000,
0.0000

■ 115.3630, 2.7790,
-4.7034

■ 121.3130, 5.2687,
-9.9215

Harmonies

Analogous

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



71.7880, -8.2765, 41.4049



71.2850, -18.8745, 33.9531



70.1770, -25.2303, 19.1388

Triad

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



71.2850, -18.8745, 33.9531



56.7180, 4.0830, -49.7417



72.0200, 23.1611, -8.7875

Complementary

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



71.2850, -18.8745, 33.9531



71.7150, 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.



59.1070, 31.0062, -51.8368



71.2850, -18.8745, 33.9531



60.2690, 15.1504, -52.8559

Square

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



71.2850, -18.8745, 33.9531



63.7570, -11.7122, -23.4659



61.4890, 24.9019, -53.9259



74.9050, 14.3438, 19.3773

Rectangle

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



71.2850, -18.8745, 33.9531



68.6270, -24.4661, 7.3431



61.4890, 24.9019, -53.9259



69.6270, 25.8199, -21.5979

Sweetspot

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



71.2850, -18.8745, 33.9531



127.8400, -7.3161, 13.2953



61.8370, 10.9264, 42.2390



62.6050, -4.2423, 7.3624



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



71.2850, -18.8745, 33.9531



82.3600, -29.2645, 53.1813



93.5910, -29.8714, 14.3907



52.9680, -1.4632, 2.6591



59.3600, -29.2645, 53.1813



123.1610, -60.7184, 108.6068

Inverse Universe

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



71.7150, 18.8745, -33.9531



83.0530, 29.5539, -52.6665



49.4090, 29.8714, -14.3907



53.0320, 1.4632, -2.6591



60.0530, 29.5539, -52.6665



124.4260, 60.4290, -109.1216

Previews

White Background



This preview shows how the YUV color 71.2850, -18.8745, 33.9531 looks on a white background.

Color Contrast Check

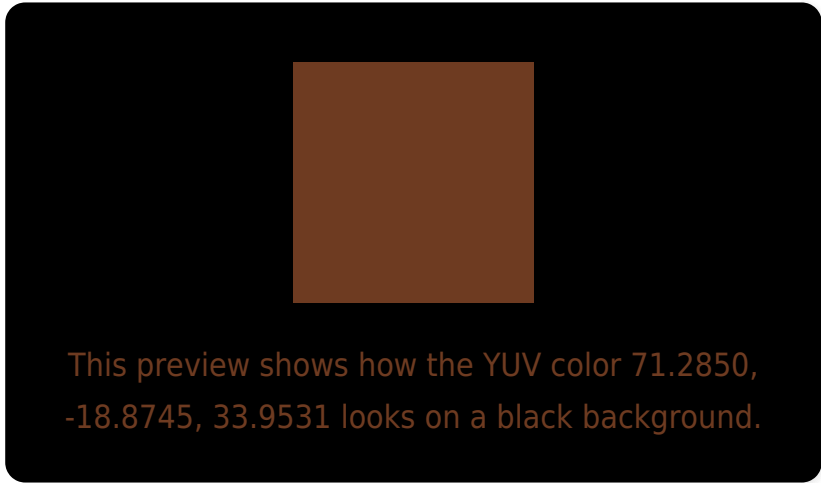
Large Text (above 18pt) WCAG AA ✓ Pass

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

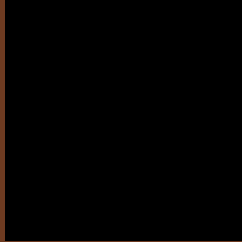
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.2850, -18.8745, 33.9531

Background



This preview shows how black text looks on a background with the YUV color 71.2850, -18.8745, 33.9531.



This preview shows how white text looks on a background with the YUV color 71.2850, -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

71.2850, -18.8745, 33.9531

Protanopia

71.2880, -16.9040, 8.5174

Deuteranopia

71.1320, -20.2781, 17.4242



Tritanopia

72.9010, -6.3602, 33.4128

Trichromacy



Original Color

71.2850, -18.8745, 33.9531

Protanomaly

71.5280, -17.5153, 17.9539

Deuteranomaly

70.9910, -19.7156, 23.6869

Tritanomaly

72.3480, -11.0176, 33.8978

Monochromacy



Original Color

71.2850, -18.8745, 33.9531

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.2420, -7.0213, 12.0658

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.2850, -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(110, 59, 33)` looks like.

```
.text, #text, p{  
    color:rgb(110, 59, 33)  
}
```

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(110, 59, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 59, 33) }
```

Border

The CSS property to change the border of an element to YUV 71.2850, -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(110, 59, 33) }
```


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

```
.border{ border-color:rgb(110, 59, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 59, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 59, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 59, 33);  
box-shadow:4px 4px 4px 4px rgb(110, 59,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 71.2850, -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(110, 59, 33) }
```

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

```
.background{ background-color: rgb(110, 59,  
33) }
```

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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