

Converting Colors

YUV(33.8810, 7.4537, 36.0614)

Have a look what the booklet for
YUV(33.8810, 7.4537, 36.0614)
contains.

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Color

**YUV(33.8810, 7.4537,
36.0614)**

Conversions

Conversions Part 1

Format	Color
Hex	4B0A31
RGB	75, 10, 49
RGB Percent	29%, 4%, 19%
CMY	0.7059, 0.9608, 0.8078
CMYK	0.00, 0.87, 0.35, 0.71
HSL	324°, 76%, 17%
HSV	324°, 87%, 29%
XYZ	3.5646, 1.9347, 3.0913
YIQ	33.8810, 26.2210, 25.9090

Conversions

Conversions Part 2

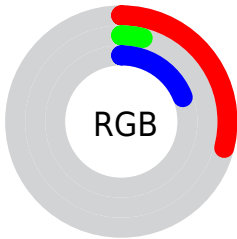
Format	Color
RYB	75, 10, 49
Decimal	4917809
CIELab	15.14, 33.14, -7.32
CIELCh	15, 33.935, 347.539
Yxy	1.9347, 0.4149, 0.2252
Android (android.graphics.Color)	4283107889 (0xFF4B0A31)
YUV	33.8810, 7.4537, 36.0614
Hunter-Lab	13.9093, 21.4033, -3.4404

Details

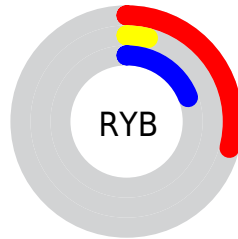
The YUV color **33.8810, 7.4537, 36.0614** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **51.1190, -7.4537, -36.0614**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.0230, 5.4117, 37.6908**, and **7.5890, -3.2484, 15.2694** is the 20% darker color. If you saturate the color by 10%, you get **29.4300, 8.1690, 39.9649**, and if you desaturate by 10%, it is **38.9190, 6.4489, 31.6430**.

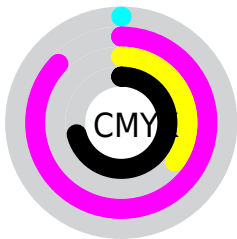
Distribution



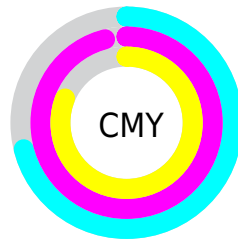
- Red (29%)
- Green (4%)
- Blue (19%)



- Red (29%)
- Yellow (4%)
- Blue (19%)



- Cyan (0%)
- Magenta (87%)
- Yellow (35%)
- Black (71%)





- Cyan (71%)
- Magenta (96%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YUV color 33.8810, 7.4537, 36.0614 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 33.8810, 7.4537, 36.0614 by changing the saturation by 10% instead.


 33.8810, 7.4537,
36.0614


 33.8810, 7.4537,
36.0614

 250.3040, 2.3151,
4.1184

 18.4410, 4.7126,
28.5542


 84.0230, 5.4117,
37.6908


 7.5890, -3.2484,
15.2694

 109.6210, 5.1168,
38.9204

 0.0000, 0.0000,
0.0000


 135.3330, 5.2588,
40.0500


 161.9310, 4.9640,
41.2795

 189.5290, 4.6692,
42.5091


 213.6530, 6.5801,


36.2613


 233.2810, 10.7075,
19.0476

 33.8810, 7.4537,
36.0614

 33.8810, 7.4537,
36.0614

 29.4300, 8.1690,
39.9649

 38.9190, 6.4489,
31.6430

 27.5550, 8.6004,
41.6093

 43.3700, 5.7336,
27.7395

 48.4080, 4.7289,
23.3212

 52.8590, 4.0135,
19.4177

 57.8970, 3.0088,
14.9993

■ 62.3480, 2.2934,
11.0958

■ 67.3860, 1.2887,
6.6775

■ 71.8370, 0.5734,
2.7740

■ 76.8750, -0.4314,
-1.6444

Harmonies

Analogous

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



38.9260, 15.8125, 14.9739



33.8810, 7.4537, 36.0614



31.7540, -3.3297, 41.4347

Triad

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



33.8810, 7.4537, 36.0614



34.8310, -17.1717, 1.0252



35.9110, 18.2849, -31.4939

Complementary

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



33.8810, 7.4537, 36.0614



51.1190, -7.4537, -36.0614

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.



34.1040, 8.8227, -29.9092



33.8810, 7.4537, 36.0614



28.1980, -13.9016, -21.2216

Square

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



33.8810, 7.4537, 36.0614



36.1150, -17.8047, 17.4391



31.2540, -2.0972, -27.4098



35.5180, 24.3946, -31.1493

Rectangle

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



33.8810, 7.4537, 36.0614



33.3870, -13.5018, 37.3716



31.2540, -2.0972, -27.4098



35.8140, 15.3747, -31.4089

Sweetspot

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



33.8810, 7.4537, 36.0614



81.1850, 2.8668, 13.8698



25.1840, 24.5593, 9.4856



38.5110, 1.7201, 8.3219



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.



33.8810, 7.4537, 36.0614



35.6150, 11.0358, 53.8346



30.2330, -6.5239, 39.2607



35.5380, 0.7208, 2.1592



37.4520, 11.6092, 56.6086



84.5020, 26.3745, 127.6017

Inverse Universe

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



33.8810, 7.4537, 36.0614



35.6150, 11.0358, 53.8346



54.8810, 6.9607, -39.3606



35.5380, 0.7208, 2.1592



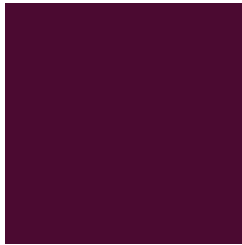
37.4520, 11.6092, 56.6086



84.5020, 26.3745, 127.6017

Previews

White Background



This preview shows how the YUV color 33.8810, 7.4537, 36.0614 looks on a white background.

Color Contrast Check

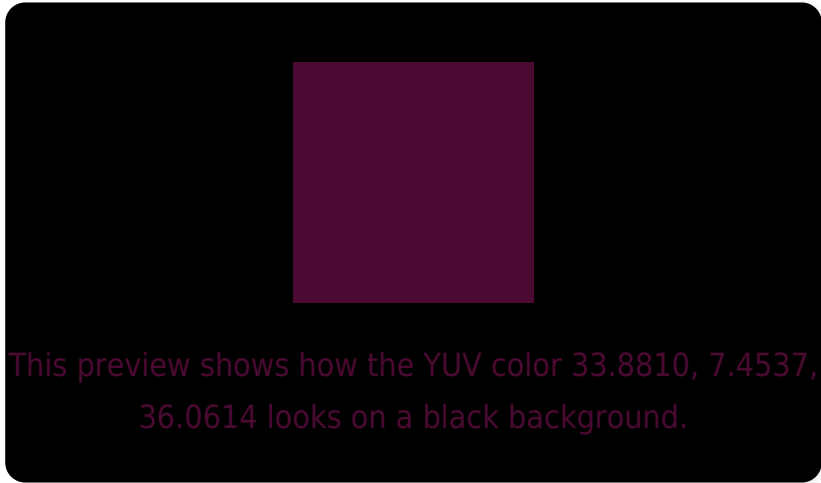
Large Text (above 18pt) WCAG AA ✓ Pass

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

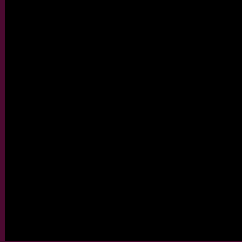
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.8810, 7.4537, 36.0614

Background



This preview shows how black text looks on a background with the YUV color 33.8810, 7.4537, 36.0614.



This preview shows how white text looks on a background with the YUV color 33.8810, 7.4537,

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

33.8810, 7.4537, 36.0614

Protanopia

39.6040, 13.9992, -10.1767

Deuteranopia

40.6950, 2.6154, 1.1445



Tritanopia

36.6620, -7.2284, 31.8684

Trichromacy



Original Color

33.8810, 7.4537, 36.0614

Protanomaly

37.4320, 11.6190, 6.6371

Deuteranomaly

37.9400, 4.4666, 14.0846

Tritanomaly

35.7530, -1.8502, 33.5426

Monochromacy



Original Color

33.8810, 7.4537, 36.0614

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.7720, 2.5774, 13.3550

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.8810, 7.4537, 36.0614 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(75, 10, 49)` looks like.

```
.text, #text, p{  
    color:rgb(75, 10, 49)  
}
```

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(75, 10, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 10, 49) }
```

Border

The CSS property to change the border of an element to YUV 33.8810, 7.4537, 36.0614 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(75, 10, 49) }
```


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

```
.border{ border-color:rgb(75, 10, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 10, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 10, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 10, 49);  
box-shadow:4px 4px 4px 4px rgb(75, 10, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.8810, 7.4537, 36.0614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 10, 49) }
```

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

```
.background{ background-color: rgb(75, 10,  
49) }
```

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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