

Converting Colors

YUV(36.3830, -0.6818, 32.1131)

Have a look what the booklet for
YUV(36.3830, -0.6818, 32.1131)
contains.

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Color

**YUV(36.3830, -0.6818,
32.1131)**

Conversions

Conversions Part 1

Format	Color
Hex	491223
RGB	73, 18, 35
RGB Percent	29%, 7%, 14%
CMY	0.7137, 0.9294, 0.8627
CMYK	0.00, 0.75, 0.52, 0.71
HSL	341°, 60%, 18%
HSV	341°, 75%, 29%
XYZ	3.2673, 1.9704, 1.7982
YIQ	36.3830, 27.3230, 16.9470

Conversions

Conversions Part 2

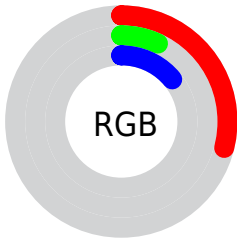
Format	Color
R_{YB}	73, 18, 35
Decimal	4788771
CIE _{Lab}	15.33, 27.53, 3.09
CIE _{LCh}	15, 27.699, 6.399
Yxy	1.9704, 0.4644, 0.2800
Android (android.graphics.Color)	4282978851 (0xFF491223)
YUV	36.3830, -0.6818, 32.1131
Hunter-Lab	14.0372, 16.9830, 2.2307




Details

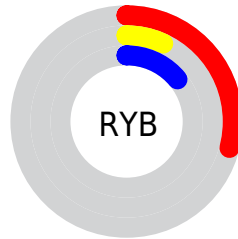
The YUV color **36.3830, -0.6818, 32.1131** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **54.6170, 0.6818, -32.1131**, and the grayscale version is **36.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **84.5360, -2.7292, 35.4869**, and **5.3820, -2.6533, 11.0660** is the 20% darker color. If you saturate the color by 10%, you get **31.7040, -0.8401, 36.2166**, and if you desaturate by 10%, it is **41.0620, -0.5236, 28.0096**.

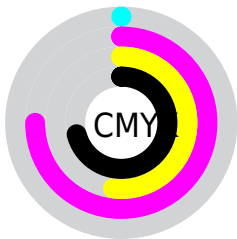
Distribution







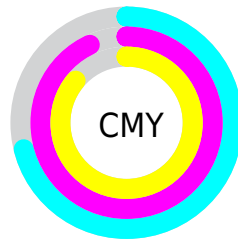
-  Red (29%)
-  Green (7%)
-  Blue (14%)






-  Red (29%)
-  Yellow (7%)
-  Blue (14%)



-  Cyan (0%)
-  Magenta (75%)
-  Yellow (52%)
-  Black (71%)



-  Cyan (71%)
-  Magenta (93%)
-  Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.3830, -0.6818, 32.1131 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 36.3830, -0.6818, 32.1131 by changing the saturation by 10% instead.

36.3830, -0.6818,
32.1131

36.3830, -0.6818,
32.1131

252.6520, 1.1576,
2.0592

16.1330, -1.5446,
28.8244

84.5360, -2.7292,
35.4869

5.3820, -2.6533,
11.0660

109.4330, -3.1715,
37.3313

0.0000, 0.0000,
0.0000

135.0310, -3.4663,
38.5608

161.6290, -3.7611,
39.7904

189.2270, -4.0559,
41.0199

213.8350, -2.8767,

36.1017

233.5770, 1.6875,
18.7880

36.3830, -0.6818,
32.1131

36.3830, -0.6818,
32.1131

31.7040, -0.8401,
36.2166

41.0620, -0.5236,
28.0096

26.4380, -0.7089,
40.8349

46.3280, -0.6547,
23.3913

24.4490, -0.7144,
42.5792

51.0070, -0.4965,
19.2879

55.6860, -0.3382,
15.1844

60.3650, -0.1799,
11.0809

■ 65.6310, -0.3111,
6.4626

■ 70.3100, -0.1528,
2.3591

■ 74.9890, 0.0054,
-1.7444

■ 80.2550, -0.1257,
-6.3626

Harmonies

Analogous

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



38.5050, 7.6390, 23.2361



36.3830, -0.6818, 32.1131



36.5540, -10.1331, 30.2091

Triad

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



36.3830, -0.6818, 32.1131



33.0040, -16.2710, -7.8965



34.8510, 19.3005, -30.5643

Complementary

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



36.3830, -0.6818, 32.1131



54.6170, 0.6818, -32.1131

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.



34.5430, 13.0433, -30.2942



36.3830, -0.6818, 32.1131



29.5100, -3.7024, -25.8803

Square

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



36.3830, -0.6818, 32.1131



36.3480, -17.9196, 7.5878



32.3770, 4.7441, -28.3946



31.6710, 22.3472, -27.7755

Rectangle

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



36.3830, -0.6818, 32.1131



36.4580, -17.9738, 25.0313



32.3770, 4.7441, -28.3946



35.0960, 17.7007, -30.7792

Sweetspot

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



36.3830, -0.6818, 32.1131



79.9630, -0.4748, 12.3104



35.6320, 18.4224, 17.8627



39.3430, -0.1691, 7.5922



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.



36.3830, -0.6818, 32.1131



37.4930, -0.7360, 49.5566



40.3150, -11.0013, 28.6647



33.3100, -0.1528, 2.3591



33.1350, -1.0526, 57.7636



75.8530, -2.8855, 132.5559

Inverse Universe

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



36.3830, -0.6818, 32.1131



37.4930, -0.7360, 49.5566



50.6850, 11.0013, -28.6647



33.3100, -0.1528, 2.3591



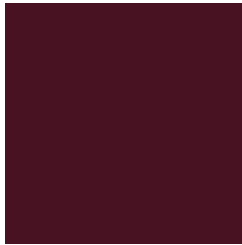
33.1350, -1.0526, 57.7636



75.8530, -2.8855, 132.5559

Previews

White Background



This preview shows how the YUV color 36.3830, -0.6818, 32.1131 looks on a white background.

Color Contrast Check

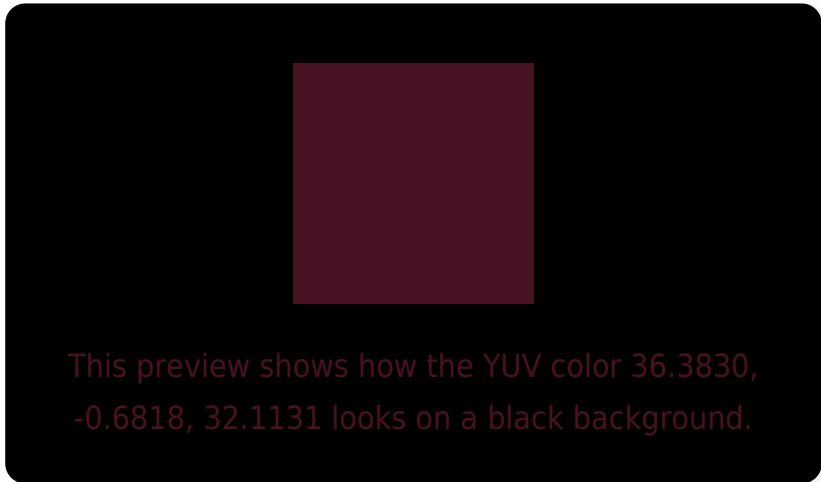
Large Text (above 18pt) WCAG AA ✓ Pass

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

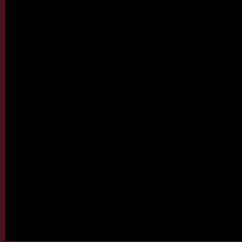
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.3830, -0.6818, 32.1131

Background



This preview shows how black text looks on a background with the YUV color 36.3830, -0.6818, 32.1131.



This preview shows how white text looks on a background with the YUV color 36.3830, -0.6818,

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

36.3830, -0.6818, 32.1131

Protanopia

40.4990, 3.2050, -1.3146

Deuteranopia

40.5940, -4.2368, 5.6181



Tritanopia

36.3630, -7.0810, 31.2536

Trichromacy



Original Color

36.3830, -0.6818, 32.1131

Protanomaly

38.9350, 2.0040, 10.5810

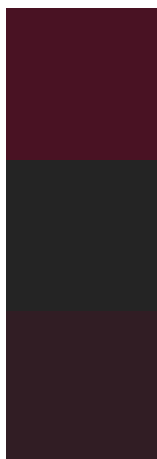
Deuteranomaly

38.7030, -2.8116, 15.1695

Tritanomaly

36.3460, -4.6076, 31.2686

Monochromacy



Original Color

36.3830, -0.6818, 32.1131

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.7780, 0.1094, 11.5957

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.3830, -0.6818, 32.1131 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(73, 18, 35)` looks like.

```
.text, #text, p{  
    color:rgb(73, 18, 35)  
}
```

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(73, 18, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 18, 35) }
```

Border

The CSS property to change the border of an element to YUV 36.3830, -0.6818, 32.1131 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(73, 18, 35) }
```


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

```
.border{ border-color:rgb(73, 18, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 18, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 18, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 18, 35);  
box-shadow:4px 4px 4px 4px rgb(73, 18, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.3830, -0.6818, 32.1131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 18, 35) }
```

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

```
.background{ background-color: rgb(73, 18,  
35) }
```

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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