

Converting Colors

YUV(31.8330, 23.7463, 36.9805)

Have a look what the booklet for
YUV(31.8330, 23.7463, 36.9805)
contains.

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Color

**YUV(31.8330, 23.7463,
36.9805)**

Conversions

Conversions Part 1

Format	Color
Hex	4A0150
RGB	74, 1, 80
RGB Percent	29%, 0%, 31%
CMY	0.7098, 0.9961, 0.6863
CMYK	0.07, 0.99, 0.00, 0.69
HSL	295°, 98%, 16%
HSV	295°, 99%, 31%
XYZ	4.2829, 2.0567, 7.7607
YIQ	31.8330, 18.1490, 40.0450

Conversions

Conversions Part 2

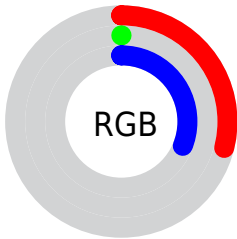
Format	Color
R_{YB}	74, 1, 80
Decimal	4850000
CIE _{Lab}	15.78, 40.93, -28.13
CIE _{LCh}	16, 49.664, 325.505
Yxy	2.0567, 0.3037, 0.1459
Android (android.graphics.Color)	4283040080 (0xFF4A0150)
YUV	31.8330, 23.7463, 36.9805
Hunter-Lab	14.3413, 28.2094, -22.0453

Details

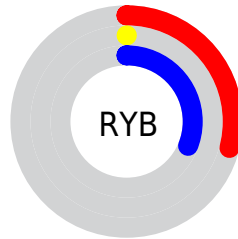
The YUV color **31.8330, 23.7463, 36.9805** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **49.1670, -23.7463, -36.9805**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.9530, 21.7152, 35.1212**, and **11.7640, 11.4553, 12.4850** is the 20% darker color. If you saturate the color by 10%, you get **31.2460, 24.0357, 37.4953**, and if you desaturate by 10%, it is **36.8280, 21.2838, 33.4768**.

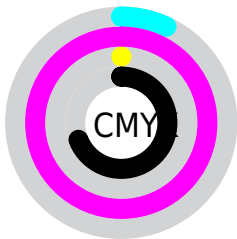
Distribution



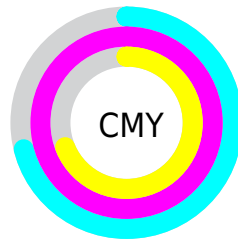
- Red (29%)
- Green (0%)
- Blue (31%)



- Red (29%)
- Yellow (0%)
- Blue (31%)



- Cyan (7%)
- Magenta (99%)
- Yellow (0%)
- Black (69%)



- Cyan (71%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.8330, 23.7463, 36.9805 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 31.8330, 23.7463, 36.9805 by changing the saturation by 10% instead.

■ 31.8330, 23.7463,
36.9805

■ 31.8330, 23.7463,
36.9805

■ 249.1300, 2.8939,
5.1480

■ 21.4480, 17.5271,
25.0401

■ 85.9530, 21.7152,
35.1212

■ 11.7640, 11.4553,
12.4850

■ 111.6650, 21.8572,
36.2508

■ 1.0260, 3.9312,
-0.8998

■ 137.4910, 22.4359,
37.2804


■ 0.0000, 0.0000,
0.0000


■ 164.3170, 23.0147,
38.3100


■ 192.0290, 23.1567,
39.4396


■ 215.6710, 19.3892,


34.4915


 232.1070, 11.2862,
20.0772


 31.8330, 23.7463,
36.9805


 31.8330, 23.7463,
36.9805


 31.2460, 24.0357,
37.4953

 36.8280, 21.2838,
33.4768

 41.5240, 18.9687,
29.3585

 46.5190, 16.5061,
25.8548

 51.2150, 14.1910,
21.7364

 56.2100, 11.7285,
18.2328

■ 61.2050, 9.2659,
14.7292

■ 65.9010, 6.9508,
10.6108

■ 70.8960, 4.4883,
7.1072

■ 75.5920, 2.1731,
2.9888

Harmonies

Analogous

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



31.2270, 35.8771, -27.3861



31.8330, 23.7463, 36.9805



33.6490, 6.0890, 53.8048

Triad

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



31.8330, 23.7463, 36.9805



37.2780, -18.3781, 14.6652



38.9770, 14.8013, -34.1828

Complementary

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



31.8330, 23.7463, 36.9805



49.1670, -23.7463, -36.9805

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.



34.2860, -0.6340, -30.0688



31.8330, 23.7463, 36.9805



32.6830, -16.1127, -12.0000

Square

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



31.8330, 23.7463, 36.9805



33.8990, -16.7122, 40.4306



29.3500, -14.4695, -25.7399



41.6960, 27.7579, -36.5674

Rectangle

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



31.8330, 23.7463, 36.9805



31.6250, -4.2521, 57.3339



29.3500, -14.4695, -25.7399



37.6090, 9.5598, -32.9831

Sweetspot

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



31.8330, 23.7463, 36.9805



85.3190, 9.7027, 14.6292



14.1150, 32.4813, -11.5019



41.6620, 6.0826, 9.0664



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



31.8330, 23.7463, 36.9805



40.9730, 31.5653, 49.1357



29.8650, 8.4476, 43.9684



38.3530, 1.3050, 1.4444



90.4340, 69.7920, 108.3674

Inverse Universe

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



25.3050, -9.0244, 47.9675



32.3070, -11.9834, 63.7518



51.1350, -8.4476, -43.9684



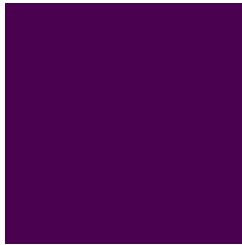
38.1960, -0.5896, 2.4591



71.4200, -26.3361, 140.8287

Previews

White Background



This preview shows how the YUV color 31.8330, 23.7463, 36.9805 looks on a white background.

Color Contrast Check

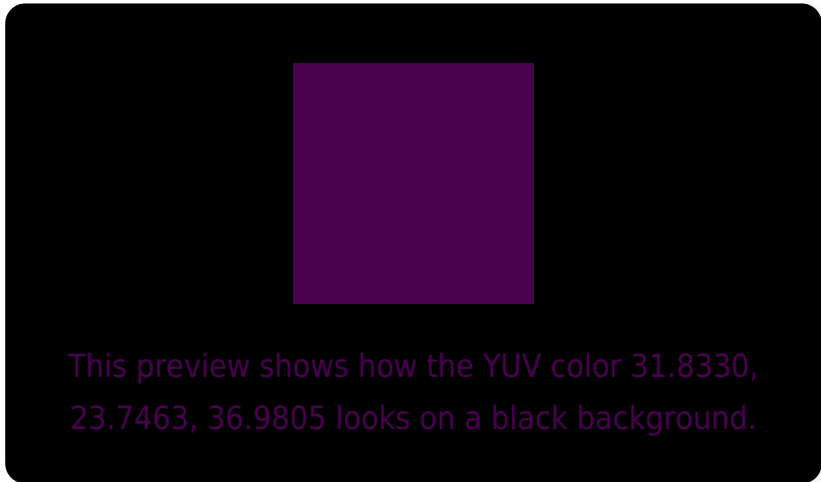
Large Text (above 18pt) WCAG AA ✓ Pass

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

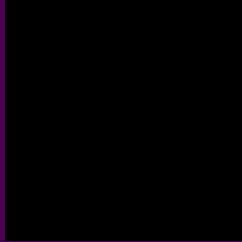
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.8330, 23.7463, 36.9805

Background



This preview shows how black text looks on a background with the YUV color 31.8330, 23.7463, 36.9805.



This preview shows how white text looks on a background with the YUV color 31.8330, 23.7463,

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

31.8330, 23.7463, 36.9805

Protanopia

34.6860, 26.2838, -30.4196

Deuteranopia

39.7600, 17.3733, -19.0835



Tritanopia

42.4050, -4.1437, 22.4468

Trichromacy



Original Color

31.8330, 23.7463, 36.9805

Protanomaly

33.6120, 25.3343, -5.7987

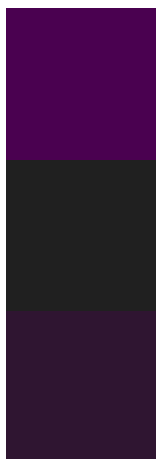
Deuteranomaly

36.5760, 19.9290, 1.2488

Tritanomaly

38.4840, 6.1704, 27.6395

Monochromacy



Original Color

31.8330, 23.7463, 36.9805

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.9660, 8.3978, 13.1848

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.8330, 23.7463, 36.9805 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(74, 1, 80)` looks like.

```
.text, #text, p{  
    color:rgb(74, 1, 80)  
}
```

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(74, 1, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 1, 80) }
```

Border

The CSS property to change the border of an element to YUV 31.8330, 23.7463, 36.9805 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(74, 1, 80) }
```

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

```
.border{ border-color:rgb(74, 1, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 1, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 1, 80); -webkit-box-shadow:4px  
4px 4px 4px rgb(74, 1, 80); box-shadow:4px  
4px 4px 4px rgb(74, 1, 80) }
```

Background

The CSS property to change the background color of an element to YUV 31.8330, 23.7463, 36.9805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 1, 80) }
```

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

```
.background{ background-color: rgb(74, 1,  
80) }
```

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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