

Converting Colors

YUV(39.6470, 46.0230, 31.8816)

Have a look what the booklet for
YUV(39.6470, 46.0230, 31.8816)
contains.

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Color

**YUV(39.6470, 46.0230,
31.8816)**

Conversions

Conversions Part 1

Format	Color
Hex	4C0385
RGB	76, 3, 133
RGB Percent	30%, 1%, 52%
CMY	0.7020, 0.9882, 0.4784
CMYK	0.43, 0.98, 0.00, 0.48
HSL	274°, 96%, 27%
HSV	274°, 98%, 52%
XYZ	7.2467, 3.2951, 22.4444
YIQ	39.6470, 1.7780, 55.9060

Conversions

Conversions Part 2

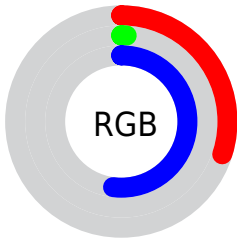
Format	Color
R _Y B	76, 3, 133
Decimal	4981637
CIE Lab	21.19, 51.72, -54.03
CIE LCh	21, 74.791, 313.751
Yxy	3.2951, 0.2197, 0.0999
Android (android.graphics.Color)	4283171717 (0xFF4C0385)
YUV	39.6470, 46.0230, 31.8816
Hunter-Lab	18.1524, 39.4933, -60.6021

Details

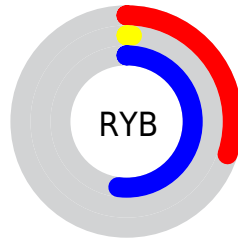
The YUV color **39.6470, 46.0230, 31.8816** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **96.3530, -46.0230, -31.8816**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.4680, 44.1393, 29.4076**, and **15.6270, 32.7219, 4.7121** is the 20% darker color. If you saturate the color by 10%, you get **37.5870, 47.0386, 32.8112**, and if you desaturate by 10%, it is **49.0720, 41.3765, 28.8779**.

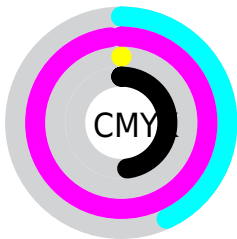
Distribution



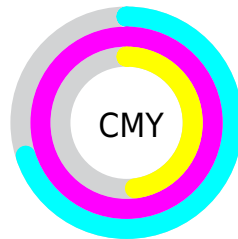
- Red (30%)
- Green (1%)
- Blue (52%)



- Red (30%)
- Yellow (1%)
- Blue (52%)



- Cyan (43%)
- Magenta (98%)
- Yellow (0%)
- Black (48%)



- Cyan (70%)
- Magenta (99%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.6470, 46.0230, 31.8816 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 39.6470, 46.0230, 31.8816 by changing the saturation by 10% instead.

■ 39.6470, 46.0230,
31.8816

■ 39.6470, 46.0230,
31.8816

■ 255.0000, 0.0000,
0.0000

■ 26.5500, 39.6619,
18.8117

■ 97.4680, 44.1393,
29.4076

■ 15.6270, 32.7219,
4.7121

■ 124.2940, 44.7181,
30.4372

■ 6.6120, 25.3343,
-5.7987

■ 151.5330, 45.5862,
31.9816

■ 5.1640, 14.7091,
-4.5288

■ 177.3070, 38.3026,
34.8108

■ 1.2540, 4.8048,
-1.0998

■ 202.1260, 26.0669,
39.3545

■ 0.0000, 0.0000,
0.0000


■ 220.9540, 16.7847,


29.8583


 237.9770, 8.3923,
14.9292


 39.6470, 46.0230,
31.8816


 39.6470, 46.0230,
31.8816

 37.5870, 47.0386,
32.8112

 49.0720, 41.3765,
28.8779

 59.0840, 36.4406,
25.3593

 68.2100, 31.9415,
21.7408

 77.6350, 27.2949,
18.7371

 87.6470, 22.3590,
15.2186

■ 97.0720, 17.7125,
12.2149

■ 106.4970, 13.0660,
9.2111

■ 115.9220, 8.4195,
6.2074

■ 125.6350, 3.6309,
2.0741

Harmonies

Analogous

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



48.9920, 55.7129, -42.9660



39.6470, 46.0230, 31.8816



47.7340, 17.3861, 70.3933

Triad

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



39.6470, 46.0230, 31.8816



47.1450, -23.2425, 34.9528



49.7540, 12.9393, -43.6343

Complementary

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



39.6470, 46.0230, 31.8816



96.3530, -46.0230, -31.8816

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.



41.7400, -12.6898, -36.6060



39.6470, 46.0230, 31.8816



45.1200, -22.2442, -5.3672

Square

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



39.6470, 46.0230, 31.8816



36.1790, -17.8362, 74.3880



38.1550, -18.8104, -33.4619



55.6820, 35.6528, -48.8331

Rectangle

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



39.6470, 46.0230, 31.8816



46.6200, 0.1873, 80.1403



38.1550, -18.8104, -33.4619



47.0010, 4.9295, -41.2199

Sweetspot

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



39.6470, 46.0230, 31.8816



137.0720, 17.7125, 12.2149



52.4530, 39.7097, -43.3703



64.6170, 11.0348, 7.3519



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



39.6470, 46.0230, 31.8816



48.7250, 61.2676, 42.3372



56.0060, 35.0000, 67.5237



61.5810, 2.1786, 1.2445



36.6470, 46.0230, 31.8816



0.6410, 1.1630, 0.3148

Inverse Universe

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



48.3680, 5.7346, 74.2223



60.3910, 7.6952, 98.7581



79.9940, -35.0000, -67.5237



62.1360, 0.4260, 3.3887



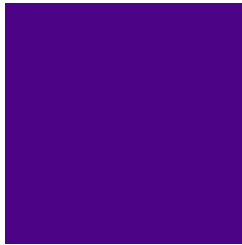
45.3680, 5.7346, 74.2223



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 39.6470, 46.0230, 31.8816 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

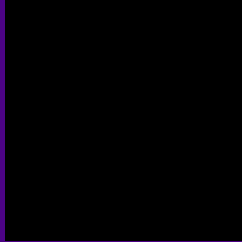
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.6470, 46.0230, 31.8816

Background



This preview shows how black text looks on a background with the YUV color 39.6470, 46.0230, 31.8816.



This preview shows how white text looks on a background with the YUV color 39.6470, 46.0230,

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

39.6470, 46.0230, 31.8816

Protanopia

42.9500, 32.5627, -37.6671

Deuteranopia

43.0010, 25.1425, -37.7119



Tritanopia

54.5490, 0.7153, 3.9035

Trichromacy



Original Color

39.6470, 46.0230, 31.8816

Protanomaly

41.7820, 37.5755, -12.0868

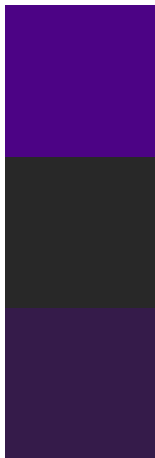
Deuteranomaly

41.8160, 32.6287, -12.1166

Tritanomaly

48.9690, 17.2703, 14.0592

Monochromacy



Original Color

39.6470, 46.0230, 31.8816

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.1320, 16.6969, 11.2852

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.6470, 46.0230, 31.8816 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(76, 3, 133)` looks like.

```
.text, #text, p{  
    color:rgb(76, 3, 133)  
}
```

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(76, 3, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 3, 133) }
```

Border

The CSS property to change the border of an element to YUV 39.6470, 46.0230, 31.8816 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(76, 3, 133) }
```


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

```
.border{ border-color:rgb(76, 3, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 3, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 3, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 3, 133);  
box-shadow:4px 4px 4px 4px rgb(76, 3, 133)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.6470, 46.0230, 31.8816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 3, 133) }
```

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

```
.background{ background-color: rgb(76, 3,  
133) }
```

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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