

Converting Colors

YUV(38.2840, 23.0310, 33.0769)

Have a look what the booklet for
YUV(38.2840, 23.0310, 33.0769)
contains.

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Color

**YUV(38.2840, 23.0310,
33.0769)**

Conversions

Conversions Part 1

Format	Color
Hex	4C0A55
RGB	76, 10, 85
RGB Percent	30%, 4%, 33%
CMY	0.7020, 0.9608, 0.6667
CMYK	0.11, 0.88, 0.00, 0.67
HSL	293°, 79%, 19%
HSV	293°, 88%, 33%
XYZ	4.7287, 2.4095, 8.8102
YIQ	38.2840, 15.2610, 37.3170

Conversions

Conversions Part 2

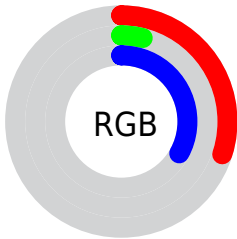
Format	Color
R_{YB}	76, 10, 85
Decimal	4983381
CIE _{Lab}	17.50, 39.48, -28.74
CIE _{LCh}	18, 48.834, 323.949
Yxy	2.4095, 0.2965, 0.1511
Android (android.graphics.Color)	4283173461 (0xFF4C0A55)
YUV	38.2840, 23.0310, 33.0769
Hunter-Lab	15.5224, 27.2137, -22.7859

Details

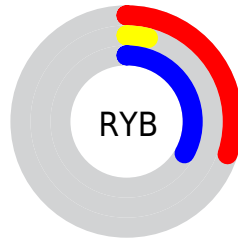
The YUV color **38.2840, 23.0310, 33.0769** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **56.7160, -23.0310, -33.0769**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.0560, 22.1574, 33.2769**, and **13.4160, 12.6129, 14.5442** is the 20% darker color. If you saturate the color by 10%, you get **33.2890, 25.4935, 36.5805**, and if you desaturate by 10%, it is **43.8660, 20.2791, 29.0585**.

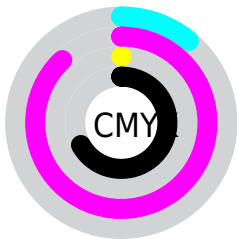
Distribution



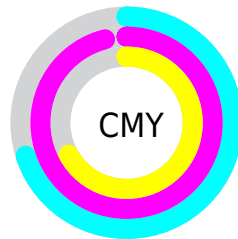
- Red (30%)
- Green (4%)
- Blue (33%)



- Red (30%)
- Yellow (4%)
- Blue (33%)



- Cyan (11%)
- Magenta (88%)
- Yellow (0%)
- Black (67%)



- Cyan (70%)
- Magenta (96%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.2840, 23.0310, 33.0769 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 38.2840, 23.0310, 33.0769 by changing the saturation by 10% instead.

■ 38.2840, 23.0310,
33.0769

■ 38.2840, 23.0310,
33.0769

■ 252.6520, 1.1576,
2.0592

■ 22.2030, 19.1269,
25.2550

■ 90.0560, 22.1574,
33.2769

■ 13.4160, 12.6129,
14.5442

■ 115.8820, 22.7362,
34.3065

■ 2.4110, 6.6994,
-2.1144

■ 142.2950, 23.0256,
34.8213

■ 0.0000, 0.0000,
0.0000


■ 169.1210, 23.6043,
35.8509


■ 196.8330, 23.7463,
36.9805


■ 219.1930, 17.6529,


31.4027


 235.6290, 9.5499,
16.9884


 38.2840, 23.0310,
33.0769


 38.2840, 23.0310,
33.0769


 33.2890, 25.4935,
36.5805

 43.8660, 20.2791,
29.0585

 32.1150, 26.0723,
37.6101

 48.8610, 17.8165,
25.5549

 54.4430, 15.0646,
21.5365

 59.4380, 12.6021,
18.0329

 65.0200, 9.8501,
14.0145

■ 70.0150, 7.3876,
10.5108

■ 75.5970, 4.6357,
6.4924

■ 80.5920, 2.1731,
2.9888

■ 85.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



34.0310, 36.4667, -29.8452



38.2840, 23.0310, 33.0769



35.2300, 8.2676, 55.0493

Triad

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



38.2840, 23.0310, 33.0769



40.8330, -20.1307, 16.8095



41.5530, 14.5174, -36.4420

Complementary

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



38.2840, 23.0310, 33.0769



56.7160, -23.0310, -33.0769

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.



36.8620, -0.9180, -32.3280



38.2840, 23.0310, 33.0769



36.5370, -18.0127, -9.2409

Square

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



38.2840, 23.0310, 33.0769



37.1550, -18.3174, 41.9601



31.6980, -15.6271, -27.7991



44.2720, 27.4739, -38.8265

Rectangle

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



38.2840, 23.0310, 33.0769



33.5050, -2.2210, 59.1931



31.6980, -15.6271, -27.7991



40.1850, 9.2758, -35.2422

Sweetspot

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



38.2840, 23.0310, 33.0769



91.7810, 8.9820, 12.4701



24.4200, 29.8659, -12.6463



45.4230, 5.2145, 7.5220



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



38.2840, 23.0310, 33.0769



41.2440, 33.8967, 48.0210



37.7830, 9.4740, 41.4093



40.6520, 1.1576, 2.0592



40.3040, 32.8811, 47.0914



88.3840, 72.2817, 103.1492

Inverse Universe

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



33.4510, -7.1243, 45.2085



34.3720, -10.5364, 66.3258



57.2170, -9.4740, -41.4093



40.3100, -0.1528, 2.3591



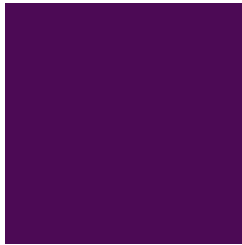
33.4750, -10.0942, 64.4814



73.4570, -22.4103, 141.6732

Previews

White Background



This preview shows how the YUV color 38.2840, 23.0310, 33.0769 looks on a white background.

Color Contrast Check

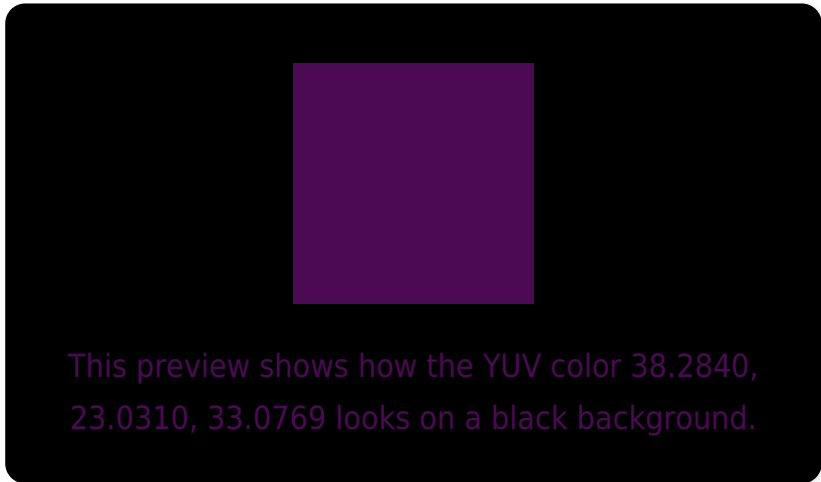
Large Text (above 18pt) WCAG AA ✓ Pass

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

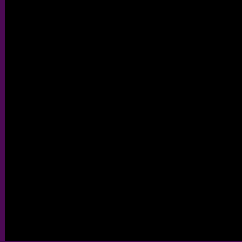
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.2840, 23.0310, 33.0769

Background



This preview shows how black text looks on a background with the YUV color 38.2840, 23.0310, 33.0769.



This preview shows how white text looks on a background with the YUV color 38.2840, 23.0310,

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

38.2840, 23.0310, 33.0769

Protanopia

36.4300, 27.8890, -31.9491

Deuteranopia

40.6070, 19.4207, -22.4573



Tritanopia

45.1060, -3.9963, 21.8320

Trichromacy



Original Color

38.2840, 23.0310, 33.0769

Protanomaly

37.4160, 25.9239, -8.2578

Deuteranomaly

39.7820, 20.8135, -2.4398

Tritanomaly

42.3590, 5.7390, 25.9952

Monochromacy



Original Color

38.2840, 23.0310, 33.0769

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.2540, 8.2558, 12.0552

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.2840, 23.0310, 33.0769 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, 10, 85)` looks like.

```
.text, #text, p{  
    color:rgb(76, 10, 85)  
}
```

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, 10, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 10, 85) }
```

Border

The CSS property to change the border of an element to YUV 38.2840, 23.0310, 33.0769 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, 10, 85) }
```


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

```
.border{ border-color:rgb(76, 10, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 10, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 10, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 10, 85);  
box-shadow:4px 4px 4px 4px rgb(76, 10, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.2840, 23.0310, 33.0769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 10, 85) }
```

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

```
.background{ background-color: rgb(76, 10,  
85) }
```

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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