

Converting Colors

YUV(43.0870, 18.1981, -3.5843)

Have a look what the booklet for
YUV(43.0870, 18.1981, -3.5843)
contains.

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Color

**YUV(43.0870, 18.1981,
-3.5843)**

Conversions

Conversions Part 1

Format	Color
Hex	272650
RGB	39, 38, 80
RGB Percent	15%, 15%, 31%
CMY	0.8471, 0.8510, 0.6863
CMYK	0.51, 0.52, 0.00, 0.69
HSL	241°, 36%, 23%
HSV	241°, 52%, 31%
XYZ	2.9778, 2.3967, 7.8951
YIQ	43.0870, -12.8860, 13.2740

Conversions

Conversions Part 2

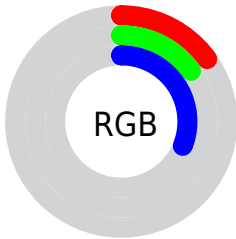
Format	Color
RYB	39, 38, 80
Decimal	2565712
CIELab	17.45, 13.46, -25.74
CIELCh	17, 29.045, 297.617
Yxy	2.3967, 0.2244, 0.1806
Android (android.graphics.Color)	4280755792 (0xFF272650)
YUV	43.0870, 18.1981, -3.5843
Hunter-Lab	15.4814, 7.2411, -19.3992




Details

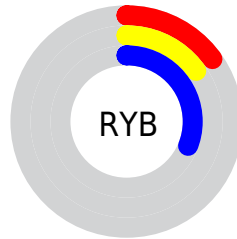
The YUV color **43.0870, 18.1981, -3.5843** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **74.9130, -18.1981, 3.5843**, and the grayscale version is **43.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **89.5540, 19.9399, -2.2399**, and **3.9900, 15.2879, -3.4992** is the 20% darker color. If you saturate the color by 10%, you get **35.9990, 21.6925, -4.3841**, and if you desaturate by 10%, it is **50.1750, 14.7037, -2.7845**.

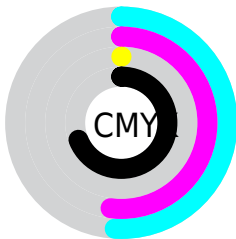
Distribution







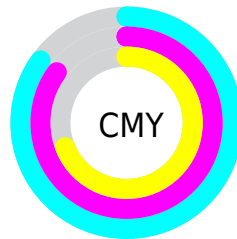
-  Red (15%)
-  Green (15%)
-  Blue (31%)






-  Red (15%)
-  Yellow (15%)
-  Blue (31%)



-  Cyan (51%)
-  Magenta (52%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (85%)
-  Magenta (85%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.0870, 18.1981, -3.5843 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 43.0870, 18.1981, -3.5843 by changing the saturation by 10% instead.

■ 43.0870, 18.1981,
-3.5843

■ 43.0870, 18.1981,
-3.5843

■ 255.0000, 0.0000,
0.0000

■ 21.5490, 17.4773,
-5.7435

■ 89.5540, 19.9399,
-2.2399

■ 3.9900, 15.2879,
-3.4992

■ 114.0810, 20.6661,
-1.8250

■ 1.1400, 4.3680,
-0.9998

■ 139.6080, 21.3923,
-1.4102

■ 0.0000, 0.0000,
0.0000

■ 166.1350, 22.1184,
-0.9954

■ 193.5480, 22.4078,
-0.4806

■ 220.1800, 17.1663,

0.7191

245.2870, 4.7885,
4.1333

43.0870, 18.1981,
-3.5843

43.0870, 18.1981,
-3.5843

35.9990, 21.6925,
-4.3841

50.1750, 14.7037,
-2.7845

28.9110, 25.1869,
-5.1839

57.2630, 11.2093,
-1.9847

22.1220, 28.5339,
-5.3690

64.0520, 7.8624,
-1.7996

15.0340, 32.0282,
-6.1688

71.1400, 4.3680,
-0.9998

9.7180, 34.6490,
-6.7687

78.2280, 0.8736,
-0.2000

■ 85.3160, -2.6208,
0.5999

■ 92.4040, -6.1152,
1.3997

■ 99.1930, -9.4621,
1.5847

■ 106.2810,
-12.9565, 2.3846

Harmonies

Analogous

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



36.6920, 23.8158, -32.1789



43.0870, 18.1981, -3.5843



43.5800, 10.5601, 19.6623

Triad

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



43.0870, 18.1981, -3.5843



40.6430, -18.5580, 25.7461



35.0840, 2.4236, -30.7687

Complementary

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



43.0870, 18.1981, -3.5843



74.9130, -18.1981, 3.5843

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.



32.4020, -6.6072, -27.5396



43.0870, 18.1981, -3.5843



40.5120, -19.9724, 12.7060

Square

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



43.0870, 18.1981, -3.5843



40.5590, -7.6706, 33.7128



38.0540, -18.7606, -2.6784



37.5920, 12.0331, -32.9682

Rectangle

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



43.0870, 18.1981, -3.5843



42.1530, 4.8546, 29.6838



38.0540, -18.7606, -2.6784



34.2860, -0.6340, -30.0688

Sweetspot

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



43.0870, 18.1981, -3.5843



89.9380, 7.4256, -1.6996



66.8550, 6.4805, -25.3058



44.5530, 4.6574, -0.4850



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.



43.0870, 18.1981, -3.5843



46.8230, 28.6813, -5.9838



49.3660, 15.1026, 9.3260



37.4560, 1.7472, -0.3999



12.5680, 45.5690, -9.2681



28.2420, 100.4527, -19.5062

Inverse Universe

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



55.2320, 11.7176, 21.7215



66.0300, 18.2262, 34.1767



68.6340, -15.1026, -9.3260



38.6520, 1.1576, 2.0592



43.0230, 29.0757, 54.3538



95.2460, 64.9547, 119.9333

Previews

White Background



This preview shows how the YUV color 43.0870, 18.1981, -3.5843 looks on a white background.

Color Contrast Check

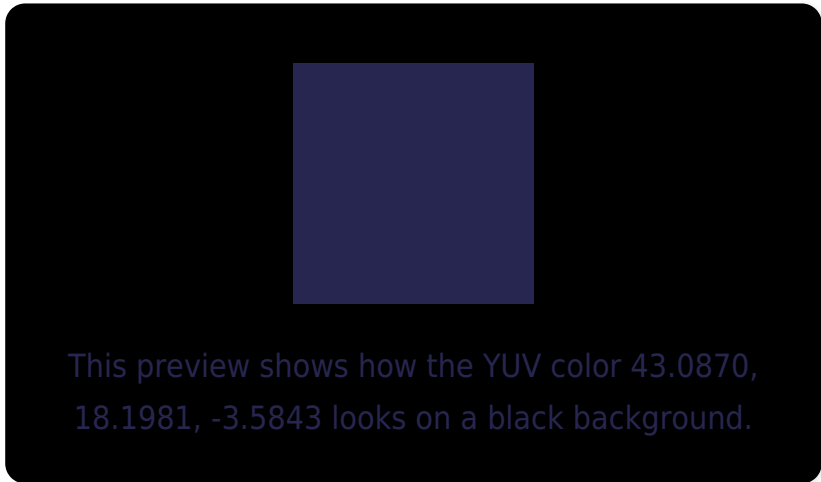
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.0870, 18.1981, -3.5843

Background



This preview shows how black text looks on a background with the YUV color 43.0870, 18.1981, -3.5843.



This preview shows how white text looks on a background with the YUV color 43.0870, 18.1981,

-3.5843.

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

43.0870, 18.1981, -3.5843

Protanopia

39.6120, 21.8833, -18.9537

Deuteranopia

34.6060, 20.9002, -30.3495



Tritanopia

41.2590, 3.8163, -10.7511

Trichromacy



Original Color

43.0870, 18.1981, -3.5843

Protanomaly

41.3030, 20.5566, -13.4207

Deuteranomaly

37.7320, 19.8521, -20.8130

Tritanomaly

41.9480, 8.8996, -7.8474

Monochromacy



Original Color

43.0870, 18.1981, -3.5843

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.0090, 6.4046, -0.8849

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.0870, 18.1981, -3.5843 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(39, 38, 80)` looks like.

```
.text, #text, p{  
    color:rgb(39, 38, 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(39, 38, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 38, 80) }
```

Border

The CSS property to change the border of an element to YUV 43.0870, 18.1981, -3.5843 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(39, 38, 80) }
```


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

```
.border{ border-color:rgb(39, 38, 80) }
```

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

Here you see how a box with a 4 pixel rgb(39, 38, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 38, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 38, 80);  
box-shadow:4px 4px 4px 4px rgb(39, 38, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.0870, 18.1981, -3.5843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 38, 80) }
```

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

```
.background{ background-color: rgb(39, 38,  
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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