

Converting Colors

YUV(38.6860, 16.4238, 5.5374)

Have a look what the booklet for
YUV(38.6860, 16.4238, 5.5374)
contains.

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Color

**YUV(38.6860, 16.4238,
5.5374)**

Conversions

Conversions Part 1

Format	Color
Hex	2D1D48
RGB	45, 29, 72
RGB Percent	18%, 11%, 28%
CMY	0.8235, 0.8863, 0.7176
CMYK	0.37, 0.60, 0.00, 0.72
HSL	262°, 43%, 20%
HSV	262°, 60%, 28%
XYZ	2.6913, 1.9045, 6.3567
YIQ	38.6860, -4.2670, 16.7650

Conversions

Conversions Part 2

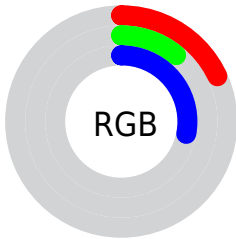
Format	Color
RYB	45, 29, 72
Decimal	2956616
CIELab	14.98, 18.87, -24.18
CIELCh	15, 30.670, 307.975
Yxy	1.9045, 0.2457, 0.1739
Android (android.graphics.Color)	4281146696 (0xFF2D1D48)
YUV	38.6860, 16.4238, 5.5374
Hunter-Lab	13.8004, 10.6592, -17.6496

Details

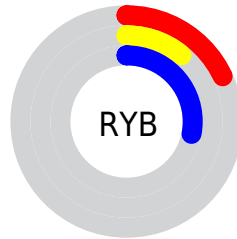
The YUV color **38.6860, 16.4238, 5.5374** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **62.3140, -16.4238, -5.5374**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.4520, 18.0182, 7.4966**, and **3.7790, 11.9410, -3.3142** is the 20% darker color. If you saturate the color by 10%, you get **33.0820, 19.1866, 6.0671**, and if you desaturate by 10%, it is **44.2900, 13.6610, 5.0077**.

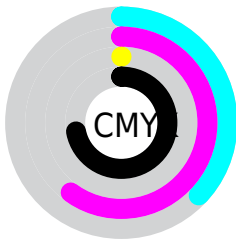
Distribution



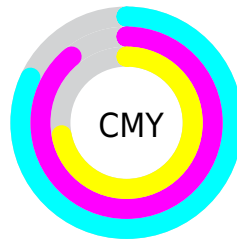
- Red (18%)
- Green (11%)
- Blue (28%)



- Red (18%)
- Yellow (11%)
- Blue (28%)



- Cyan (37%)
- Magenta (60%)
- Yellow (0%)
- Black (72%)



- Cyan (82%)
- Magenta (89%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.6860, 16.4238, 5.5374 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 38.6860, 16.4238, 5.5374 by changing the saturation by 10% instead.

■ 38.6860, 16.4238,
5.5374

■ 38.6860, 16.4238,
5.5374

■ 255.0000, 0.0000,
0.0000

■ 15.9850, 16.2764,
6.1522

■ 84.4520, 18.0182,
7.4966

■ 3.7790, 11.9410,
-3.3142

■ 108.9790, 18.7444,
7.9114

■ 0.0000, 0.0000,
0.0000

■ 134.5060, 19.4705,
8.3262

■ 160.9190, 19.7599,
8.8410

■ 188.0330, 20.1967,
8.7411

■ 215.5170, 19.4651,

10.0706

240.3250, 7.2348,
12.8700

38.6860, 16.4238,
5.5374

38.6860, 16.4238,
5.5374

33.0820, 19.1866,
6.0671

44.2900, 13.6610,
5.0077

27.7770, 21.8019,
7.2116

49.5950, 11.0457,
3.8632

21.5860, 24.8541,
8.2561

55.7860, 7.9935,
2.8187

16.2810, 27.4695,
9.4006

61.0910, 5.3781,
1.6742

66.6950, 2.6154,
1.1445

■ 72.0000, 0.0000,
0.0000

■ 77.6040, -2.7628,
-0.5297

■ 83.4960, -5.6675,
-2.1890

■ 89.1000, -8.4303,
-2.7187

Harmonies

Analogous

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



31.5400, 24.3838, -27.6606



38.6860, 16.4238, 5.5374



36.7550, 8.5018, 26.5249

Triad

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



38.6860, 16.4238, 5.5374



35.5500, -17.5261, 21.4427



32.4910, 5.1809, -28.4946

Complementary

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



38.6860, 16.4238, 5.5374



62.3140, -16.4238, -5.5374

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.



29.2820, -4.5760, -25.6803



38.6860, 16.4238, 5.5374



35.1630, -17.3354, 6.8730

Square

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



38.6860, 16.4238, 5.5374



34.4080, -12.0331, 32.9682



31.5200, -15.5394, -9.2260



34.8850, 14.3537, -30.5941

Rectangle

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



38.6860, 16.4238, 5.5374



34.3170, 2.8017, 34.8020



31.5200, -15.5394, -9.2260



31.5790, 1.6866, -27.6948

Sweetspot

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



38.6860, 16.4238, 5.5374



81.0310, 6.3937, 2.6038



49.7510, 10.9688, -18.1986



40.3360, 3.7784, 1.4593



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.



38.6860, 16.4238, 5.5374



41.5260, 25.8697, 9.1857



44.9650, 13.3283, 18.4477



32.7550, 1.5998, 0.2149



22.3490, 37.7889, 12.8489



50.9940, 86.7710, 28.9463

Inverse Universe

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



44.9350, 5.4550, 23.7360



51.2340, 8.7586, 37.5058



56.0350, -13.3283, -18.4477



33.4240, 0.2840, 2.2592



36.6690, 12.4882, 54.6643



84.1750, 29.0007, 125.2575

Previews

White Background



This preview shows how the YUV color 38.6860, 16.4238, 5.5374 looks on a white background.

Color Contrast Check

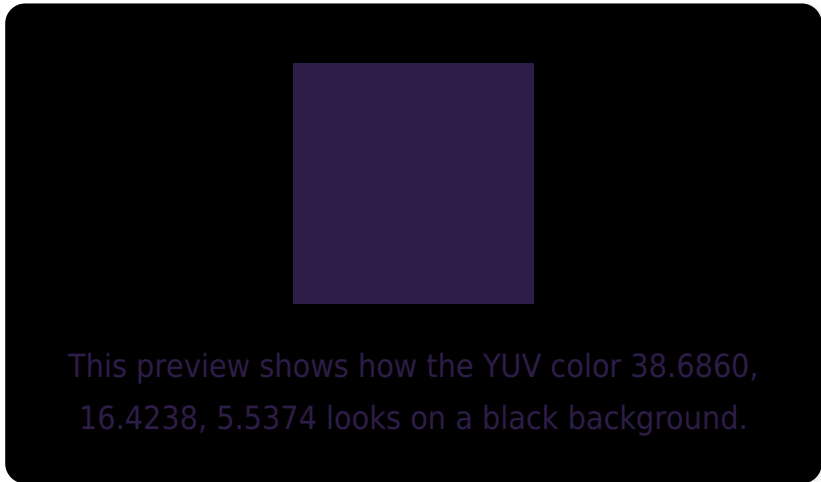
Large Text (above 18pt) WCAG AA ✓ Pass

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

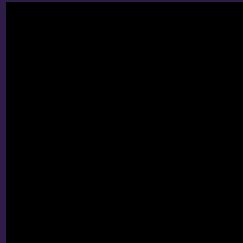
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.6860, 16.4238, 5.5374

Background



This preview shows how black text looks on a background with the YUV color 38.6860, 16.4238, 5.5374.



This preview shows how white text looks on a background with the YUV color 38.6860, 16.4238,

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

38.6860, 16.4238, 5.5374

Protanopia

30.6110, 23.3628, -26.8458

Deuteranopia

30.7590, 18.8528, -26.9756



Tritanopia

38.3420, 1.3104, -0.2999

Trichromacy



Original Color

38.6860, 16.4238, 5.5374

Protanomaly

33.4060, 20.9988, -15.2651

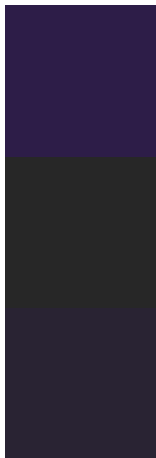
Deuteranomaly

33.3090, 18.0887, -15.1800

Tritanomaly

38.7320, 6.5411, 1.9890

Monochromacy



Original Color

38.6860, 16.4238, 5.5374

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.6180, 6.1043, 2.0890

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.6860, 16.4238, 5.5374 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(45, 29, 72)` looks like.

```
.text, #text, p{  
    color:rgb(45, 29, 72)  
}
```

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(45, 29, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 29, 72) }
```

Border

The CSS property to change the border of an element to YUV 38.6860, 16.4238, 5.5374 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(45, 29, 72) }
```


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

```
.border{ border-color:rgb(45, 29, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 29, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 29, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 29, 72);  
box-shadow:4px 4px 4px 4px rgb(45, 29, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.6860, 16.4238, 5.5374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 29, 72) }
```

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

```
.background{ background-color: rgb(45, 29,  
72) }
```

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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