

Converting Colors

YUV(38.7230, 23.8006, 19.5369)

Have a look what the booklet for
YUV(38.7230, 23.8006, 19.5369)
contains.

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Color

**YUV(38.7230, 23.8006,
19.5369)**

Conversions

Conversions Part 1

Format	Color
Hex	3D1257
RGB	61, 18, 87
RGB Percent	24%, 7%, 34%
CMY	0.7608, 0.9294, 0.6588
CMYK	0.30, 0.79, 0.00, 0.66
HSL	277°, 66%, 21%
HSV	277°, 79%, 34%
XYZ	3.8611, 2.1128, 9.2211
YIQ	38.7230, 3.4790, 30.5750

Conversions

Conversions Part 2

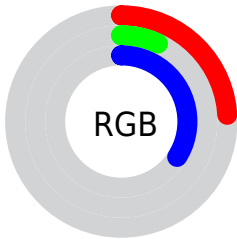
Format	Color
RYB	61, 18, 87
Decimal	4002391
CIELab	16.07, 33.65, -32.54
CIELCh	16, 46.812, 315.965
Yxy	2.1128, 0.2541, 0.1390
Android (android.graphics.Color)	4282192471 (0xFF3D1257)
YUV	38.7230, 23.8006, 19.5369
Hunter-Lab	14.5356, 21.9775, -27.4377

Details

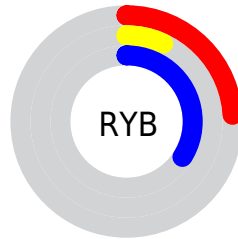
The YUV color **38.7230, 23.8006, 19.5369** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **66.2770, -23.8006, -19.5369**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.9620, 24.6687, 21.0813**, and **7.6640, 16.4346, 2.0487** is the 20% darker color. If you saturate the color by 10%, you get **32.5430, 26.8473, 22.3258**, and if you desaturate by 10%, it is **44.9030, 20.7538, 16.7481**.

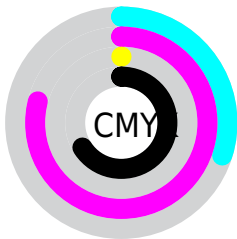
Distribution



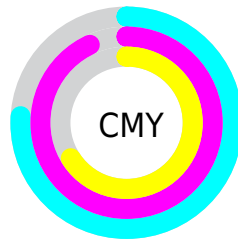
- Red (24%)
- Green (7%)
- Blue (34%)



- Red (24%)
- Yellow (7%)
- Blue (34%)



- Cyan (30%)
- Magenta (79%)
- Yellow (0%)
- Black (66%)



- Cyan (76%)
- Magenta (93%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.7230, 23.8006, 19.5369 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 38.7230, 23.8006, 19.5369 by changing the saturation by 10% instead.

■ 38.7230, 23.8006,
19.5369

■ 38.7230, 23.8006,
19.5369

■ 253.2390, 0.8682,
1.5444

■ 18.2450, 22.0642,
16.4481

■ 86.9620, 24.6687,
21.0813

■ 7.6640, 16.4346,
2.0487

■ 112.7880, 25.2475,
22.1109

■ 2.7530, 8.0098,
-2.4144

■ 138.6140, 25.8263,
23.1405

■ 0.0000, 0.0000,
0.0000

■ 165.4400, 26.4051,
24.1701

■ 192.9670, 27.1313,
24.5849

■ 218.2850, 18.1005,

27.8141

236.2160, 9.2605,
16.4736

38.7230, 23.8006,
19.5369

38.7230, 23.8006,
19.5369

32.5430, 26.8473,
22.3258

44.9030, 20.7538,
16.7481

26.6510, 29.7521,
23.9851

50.7950, 17.8491,
15.0888

26.0640, 30.0414,
24.4999

56.9750, 14.8023,
12.2999

63.1550, 11.7556,
9.5111

68.7480, 8.9982,
7.2370

■ 75.2270, 5.8041,
5.0629

■ 81.4070, 2.7573,
2.2741

■ 87.5870, -0.2894,
-0.5148

■ 93.4790, -3.1941,
-2.1741

Harmonies

Analogous

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



34.8630, 34.5775, -30.5749



38.7230, 23.8006, 19.5369



33.1090, 11.7783, 49.0164

Triad

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



38.7230, 23.8006, 19.5369



38.2080, -18.8365, 21.7426



37.6090, 9.5598, -32.9831

Complementary

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



38.7230, 23.8006, 19.5369



66.2770, -23.8006, -19.5369

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.



33.0320, -5.4388, -28.9691



38.7230, 23.8006, 19.5369



35.9940, -17.7450, -1.7487

Square

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



38.7230, 23.8006, 19.5369



31.2850, -15.4235, 47.1081



28.7630, -14.1802, -25.2252



40.5560, 23.3899, -35.5676

Rectangle

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



38.7230, 23.8006, 19.5369



32.3950, 1.2843, 54.9046



28.7630, -14.1802, -25.2252



36.3550, 4.7550, -31.8833

Sweetspot

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



38.7230, 23.8006, 19.5369



93.1610, 9.2876, 7.7518



41.1280, 22.6149, -20.2833



44.8140, 5.5147, 4.5481



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.



38.7230, 23.8006, 19.5369



37.8180, 36.5717, 29.9776



45.5850, 16.4736, 36.3210



40.3530, 1.3050, 1.4444



32.2310, 36.8611, 30.4924



70.4440, 81.1261, 66.2626

Inverse Universe

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



41.5950, 1.1857, 39.8202



42.2540, 1.8468, 61.1672



59.4150, -16.4736, -36.3210



40.4240, 0.2840, 2.2592



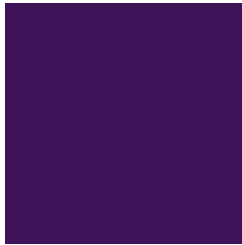
36.5530, 1.6994, 61.7820



80.2970, 3.7976, 135.6745

Previews

White Background



This preview shows how the YUV color 38.7230, 23.8006, 19.5369 looks on a white background.

Color Contrast Check

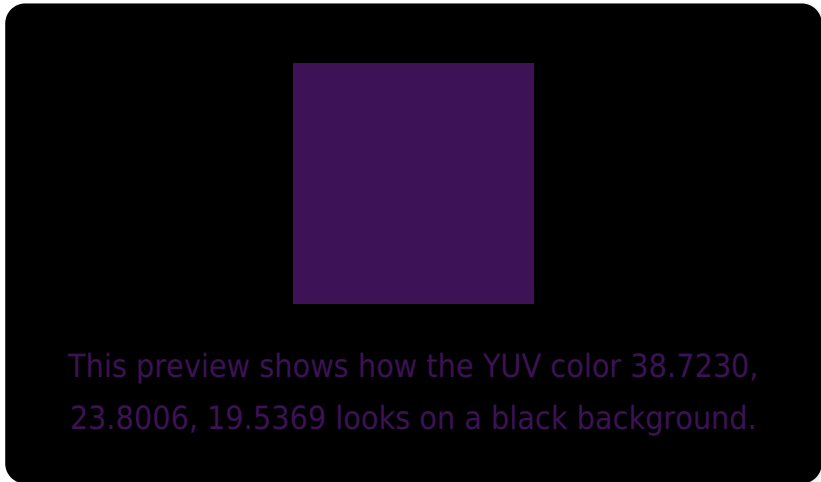
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.7230, 23.8006, 19.5369

Background



This preview shows how black text looks on a background with the YUV color 38.7230, 23.8006, 19.5369.



This preview shows how white text looks on a background with the YUV color 38.7230, 23.8006,

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

38.7230, 23.8006, 19.5369

Protanopia

33.0560, 25.1154, -28.9901

Deuteranopia

33.0900, 20.1686, -29.0199



Tritanopia

42.1260, -1.0481, 9.5365

Trichromacy



Original Color

38.7230, 23.8006, 19.5369

Protanomaly

35.0520, 24.6244, -11.4466

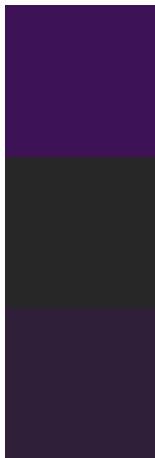
Deuteranomaly

34.9550, 21.7142, -11.3615

Tritanomaly

40.8520, 7.9610, 13.2848

Monochromacy



Original Color

38.7230, 23.8006, 19.5369

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.6340, 8.5614, 7.3370

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.7230, 23.8006, 19.5369 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(61, 18, 87)` looks like.

```
.text, #text, p{  
    color:rgb(61, 18, 87)  
}
```

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(61, 18, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 18, 87) }
```

Border

The CSS property to change the border of an element to YUV 38.7230, 23.8006, 19.5369 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(61, 18, 87) }
```


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

```
.border{ border-color:rgb(61, 18, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 18, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 18, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 18, 87);  
box-shadow:4px 4px 4px 4px rgb(61, 18, 87)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.7230, 23.8006, 19.5369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 18, 87) }
```

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

```
.background{ background-color: rgb(61, 18,  
87) }
```

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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