

Converting Colors

YUV(38.9030, 17.3028, 3.5931)

Have a look what the booklet for
YUV(38.9030, 17.3028, 3.5931)
contains.

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Color

**YUV(38.9030, 17.3028,
3.5931)**

Conversions

Conversions Part 1

Format	Color
Hex	2B1E4A
RGB	43, 30, 74
RGB Percent	17%, 12%, 29%
CMY	0.8314, 0.8824, 0.7098
CMYK	0.42, 0.59, 0.00, 0.71
HSL	258°, 42%, 20%
HSV	258°, 59%, 29%
XYZ	2.6966, 1.9366, 6.7102
YIQ	38.9030, -6.3760, 16.4400

Conversions

Conversions Part 2

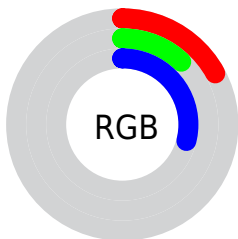
Format	Color
R_{YB}	43, 30, 74
Decimal	2825802
CIE _{Lab}	15.15, 18.23, -25.29
CIE _{LCh}	15, 31.175, 305.779
Yxy	1.9366, 0.2377, 0.1707
Android (android.graphics.Color)	4281015882 (0xFF2B1E4A)
YUV	38.9030, 17.3028, 3.5931
Hunter-Lab	13.9160, 10.2357, -18.8482

Details

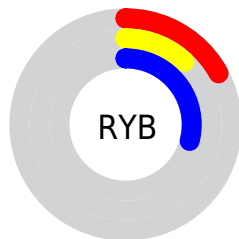
The YUV color **38.9030, 17.3028, 3.5931** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **65.0970, -17.3028, -3.5931**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.6690, 18.8972, 5.5523**, and **4.5940, 12.5252, -4.0289** is the 20% darker color. If you saturate the color by 10%, you get **33.2990, 20.0656, 4.1228**, and if you desaturate by 10%, it is **44.5070, 14.5400, 3.0634**.

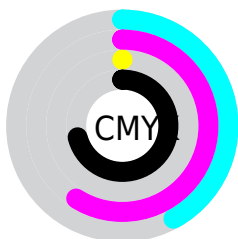
Distribution



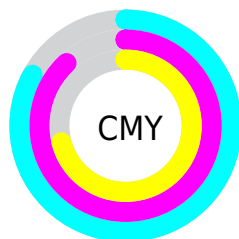
- Red (17%)
- Green (12%)
- Blue (29%)



- Red (17%)
- Yellow (12%)
- Blue (29%)



- Cyan (42%)
- Magenta (59%)
- Yellow (0%)
- Black (71%)



- Cyan (83%)
- Magenta (88%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.9030, 17.3028, 3.5931 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 38.9030, 17.3028, 3.5931 by changing the saturation by 10% instead.

■ 38.9030, 17.3028,
3.5931

■ 38.9030, 17.3028,
3.5931

■ 255.0000, 0.0000,
0.0000

■ 16.7890, 16.8660,
3.6930

■ 84.6690, 18.8972,
5.5523

■ 4.5940, 12.5252,
-4.0289

■ 109.1960, 19.6234,
5.9671

■ 0.0000, 0.0000,
0.0000

■ 134.7230, 20.3496,
6.3819


■ 161.1360, 20.6390,
6.8967


■ 188.3640, 21.5125,
6.6968


■ 215.5060, 19.4705,


8.3262


 240.3140, 7.2402,
11.1256


 38.9030, 17.3028,
3.5931


 38.9030, 17.3028,
3.5931


 33.2990, 20.0656,
4.1228


 44.5070, 14.5400,
3.0634


 27.1080, 23.1178,
5.1673


 50.6980, 11.4879,
2.0189

 21.2050, 26.0279,
5.0822

 56.6010, 8.5777,
2.1039

 15.0140, 29.0801,
6.1267

 62.7920, 5.5255,
1.0594

 68.3960, 2.7628,
0.5297

■ 74.0000, 0.0000,
0.0000

■ 80.1910, -3.0522,
-1.0445

■ 86.0940, -5.9623,
-0.9594

■ 92.2850, -9.0145,
-2.0039

Harmonies

Analogous

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



32.2410, 24.5312, -28.2754



38.9030, 17.3028, 3.5931



36.9830, 9.3754, 26.3249

Triad

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



38.9030, 17.3028, 3.5931



36.1480, -17.8210, 22.6722



32.9640, 4.4547, -28.9094

Complementary

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



38.9030, 17.3028, 3.5931



65.0970, -17.3028, -3.5931

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.



29.7550, -5.3022, -26.0951



38.9030, 17.3028, 3.5931



35.7610, -17.6302, 8.1026

Square

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



38.9030, 17.3028, 3.5931



34.6470, -11.1650, 34.5126



32.7050, -16.1236, -8.5113



34.7710, 13.9169, -30.4942

Rectangle

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



38.9030, 17.3028, 3.5931



34.8440, 3.5279, 35.2168



32.7050, -16.1236, -8.5113



32.0520, 0.9604, -28.1096

Sweetspot

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



38.9030, 17.3028, 3.5931



82.8460, 6.9779, 1.8891



53.8000, 9.9586, -20.8726



40.0370, 3.9258, 0.8446



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.



38.9030, 17.3028, 3.5931



41.8460, 27.1909, 5.3971



45.1820, 14.2073, 16.5034



35.0540, 1.4524, 0.8296



20.5980, 40.1312, 8.2456



46.5520, 90.4399, 18.8099

Inverse Universe

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



46.6900, 7.0548, 23.9509



54.2170, 11.2320, 37.5207



58.8180, -14.2073, -16.5034



35.5380, 0.7208, 2.1592



38.7060, 16.4139, 55.5088



87.2380, 36.8577, 125.2023

Previews

White Background



This preview shows how the YUV color 38.9030, 17.3028, 3.5931 looks on a white background.

Color Contrast Check

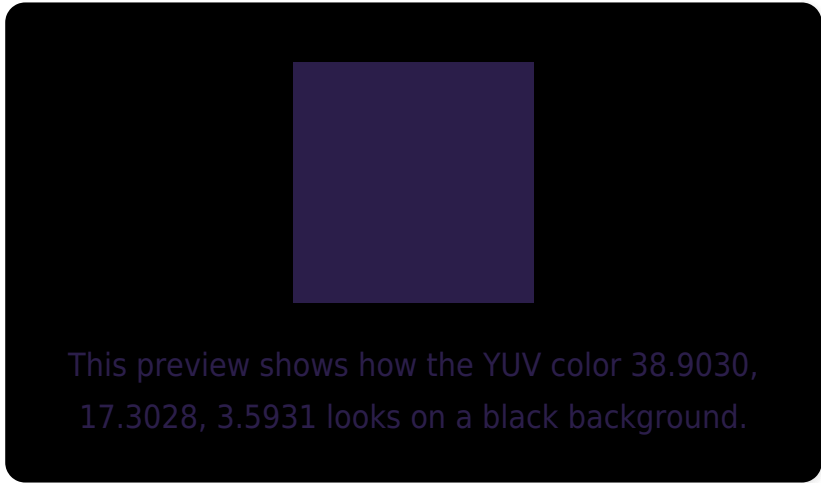
Large Text (above 18pt) WCAG AA ✓ Pass

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

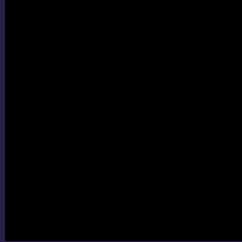
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.9030, 17.3028, 3.5931

Background



This preview shows how black text looks on a background with the YUV color 38.9030, 17.3028, 3.5931.



This preview shows how white text looks on a background with the YUV color 38.9030, 17.3028,

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

38.9030, 17.3028, 3.5931

Protanopia

30.7250, 23.7996, -26.9458

Deuteranopia

30.7590, 18.8528, -26.9756



Tritanopia

38.1460, 1.9000, -2.7590

Trichromacy



Original Color

38.9030, 17.3028, 3.5931

Protanomaly

33.5200, 21.4356, -15.3650

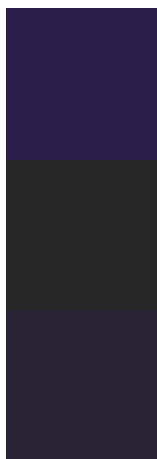
Deuteranomaly

34.0100, 18.2361, -15.7948

Tritanomaly

38.6500, 7.5676, -0.5700

Monochromacy



Original Color

38.9030, 17.3028, 3.5931

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

39.0200, 6.3991, 0.8595

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.9030, 17.3028, 3.5931 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(43, 30, 74)` looks like.

```
.text, #text, p{  
    color:rgb(43, 30, 74)  
}
```

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(43, 30, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 30, 74) }
```

Border

The CSS property to change the border of an element to YUV 38.9030, 17.3028, 3.5931 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(43, 30, 74) }
```


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

```
.border{ border-color:rgb(43, 30, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 30, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 30, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 30, 74);  
box-shadow:4px 4px 4px 4px rgb(43, 30, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.9030, 17.3028, 3.5931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 30, 74) }
```

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

```
.background{ background-color: rgb(43, 30,  
74) }
```

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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