

Converting Colors

YUV(42.4880, 3.2104, -3.0590)

Have a look what the booklet for
YUV(42.4880, 3.2104, -3.0590)
contains.

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Color

**YUV(42.4880, 3.2104,
-3.0590)**

Conversions

Conversions Part 1

Format	Color
Hex	272B31
RGB	39, 43, 49
RGB Percent	15%, 17%, 19%
CMY	0.8471, 0.8314, 0.8078
CMYK	0.20, 0.12, 0.00, 0.81
HSL	216°, 11%, 17%
HSV	216°, 20%, 19%
XYZ	2.2550, 2.3808, 3.2464
YIQ	42.4880, -4.3100, 1.0180

Conversions

Conversions Part 2

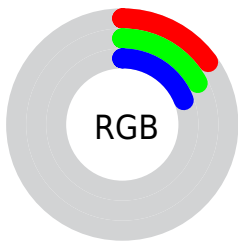
Format	Color
RYB	39, 42, 49
Decimal	2566961
CIELab	17.37, -0.17, -4.48
CIELCh	17, 4.484, 267.842
Yxy	2.3808, 0.2861, 0.3021
Android (android.graphics.Color)	4280757041 (0xFF272B31)
YUV	42.4880, 3.2104, -3.0590
Hunter-Lab	15.4300, -0.9162, -1.6735

Details

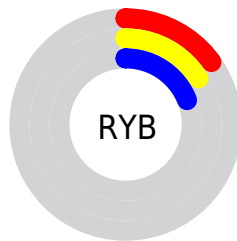
The YUV color **42.4880, 3.2104, -3.0590** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **45.5120, -3.2104, 3.0590**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.6020, 3.6472, -3.1590**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **39.2320, 4.8156, -4.5885**, and if you desaturate by 10%, it is **45.7440, 1.6052, -1.5295**.

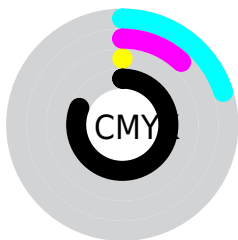
Distribution



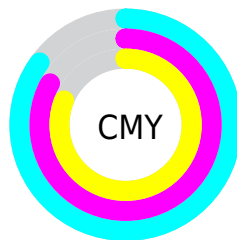
- Red (15%)
- Green (17%)
- Blue (19%)



- Red (15%)
- Yellow (16%)
- Blue (19%)



- Cyan (20%)
- Magenta (12%)
- Yellow (0%)
- Black (81%)



- Cyan (85%)
- Magenta (83%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.4880, 3.2104, -3.0590 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 42.4880, 3.2104, -3.0590 by changing the saturation by 10% instead.

■ 42.4880, 3.2104,
-3.0590

■ 42.4880, 3.2104,
-3.0590

■ 255.0000, 0.0000,
0.0000

■ 22.3740, 2.7736,
-2.9590

■ 87.6020, 3.6472,
-3.1590

■ 0.0000, 0.0000,
0.0000

■ 112.3030, 3.7946,
-3.7737

■ 137.6020, 3.6472,
-3.1590

■ 163.7160, 4.0840,
-3.2589

■ 191.3030, 3.7946,
-3.7737

■ 218.4170, 4.2314,

-3.8737

247.3030, 3.7946,
-3.7737

42.4880, 3.2104,
-3.0590

42.4880, 3.2104,
-3.0590

39.2320, 4.8156,
-4.5885

45.7440, 1.6052,
-1.5295

35.9760, 6.4208,
-6.1180

49.0000, 0.0000,
0.0000

32.7200, 8.0260,
-7.6474

52.2560, -1.6052,
1.5295

29.4640, 9.6312,
-9.1769

55.5120, -3.2104,
3.0590

26.5070, 11.0890,
-10.0916

58.7680, -4.8156,
4.5885

■ 23.2510, 12.6943,
-11.6211

■ 61.7250, -6.2734,
5.5032

■ 19.9950, 14.2995,
-13.1506

■ 64.9810, -7.8786,
7.0327

■ 17.3260, 15.6153,
-15.1949

■ 68.2370, -9.4838,
8.5622

■ 70.9060, -10.7997,
10.6064

Harmonies

Analogous

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



42.0640, 2.9264, -5.3181



42.4880, 3.2104, -3.0590



42.9830, 2.4734, 0.0149

Triad

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



42.4880, 3.2104, -3.0590



43.5770, -1.7635, 5.6330



41.6360, -1.2995, -3.1888

Complementary

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



42.4880, 3.2104, -3.0590



45.5120, -3.2104, 3.0590

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.



42.0170, -2.4734, -0.0149



42.4880, 3.2104, -3.0590



42.6370, -2.7790, 4.7034

Square

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



42.4880, 3.2104, -3.0590



43.6200, -0.3057, 4.7183



42.5120, -3.2104, 3.0590



41.9670, 0.0163, -5.2331

Rectangle

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



42.4880, 3.2104, -3.0590



43.1790, 1.8838, 2.4740



42.5120, -3.2104, 3.0590



42.1200, -2.0312, -1.8592

Sweetspot

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



42.4880, 3.2104, -3.0590



61.0430, 1.4578, -0.9147



45.5540, -0.2731, -5.7479



31.8150, 0.5842, -0.7148



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



42.4880, 3.2104, -3.0590



53.9330, 4.9630, -5.2032



40.4390, 4.2206, -0.3850



23.9290, 1.0210, -0.8147



31.2780, 28.4569, -27.4308



75.8070, 69.6081, -66.4827

Inverse Universe

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



42.4460, 0.2731, 5.7479



53.5820, 0.6991, 9.1366



47.5610, -4.2206, 0.3850



24.0110, -0.0054, 1.7444



30.7150, 2.6055, 51.1159



74.8010, 6.0141, 124.7085

Previews

White Background



This preview shows how the YUV color 42.4880, 3.2104, -3.0590 looks on a white background.

Color Contrast Check

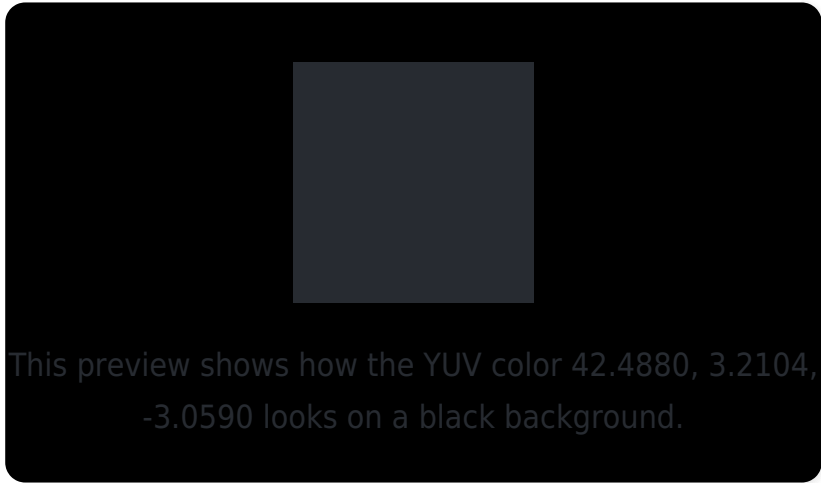
Large Text (above 18pt) WCAG AA ✓ Pass

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

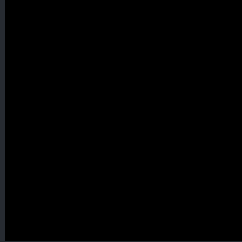
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

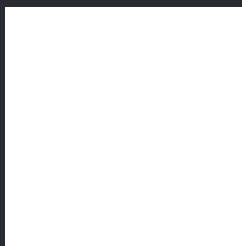
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 42.4880, 3.2104, -3.0590

Background



This preview shows how black text looks on a background with the YUV color 42.4880, 3.2104, -3.0590.



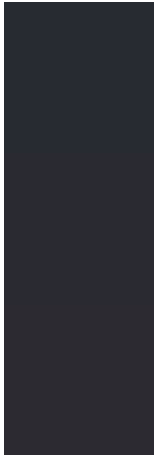
This preview shows how white text looks on a background with the YUV color 42.4880, 3.2104,

-3.0590.

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

42.4880, 3.2104, -3.0590

Protanopia

42.7980, 3.0576, -0.6998

Deuteranopia

43.3960, 2.7628, 0.5297



Tritanopia

42.2600, 2.3368, -2.8590

Trichromacy



Original Color

42.4880, 3.2104, -3.0590

Protanomaly

42.4990, 3.2050, -1.3146

Deuteranomaly

42.7980, 3.0576, -0.6998

Tritanomaly

42.3740, 2.7736, -2.9590

Monochromacy



Original Color

42.4880, 3.2104, -3.0590

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.0430, 1.4578, -0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.4880, 3.2104, -3.0590 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, 43, 49)` looks like.

```
.text, #text, p{  
    color:rgb(39, 43, 49)  
}
```

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, 43, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 43, 49) }
```

Border

The CSS property to change the border of an element to YUV 42.4880, 3.2104, -3.0590 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, 43, 49) }
```


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

```
.border{ border-color:rgb(39, 43, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 43, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 43, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 43, 49);  
box-shadow:4px 4px 4px 4px rgb(39, 43, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.4880, 3.2104, -3.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 43, 49) }
```

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

```
.background{ background-color: rgb(39, 43,  
49) }
```

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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