

Converting Colors

YUV(52.4770, 3.2158, -4.8033)

Have a look what the booklet for
YUV(52.4770, 3.2158, -4.8033)
contains.

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Color

**YUV(52.4770, 3.2158,
-4.8033)**

Conversions

Conversions Part 1

Format	Color
Hex	2F363B
RGB	47, 54, 59
RGB Percent	18%, 21%, 23%
CMY	0.8157, 0.7882, 0.7686
CMYK	0.20, 0.08, 0.00, 0.77
HSL	205°, 11%, 21%
HSV	205°, 20%, 23%
XYZ	3.2809, 3.5584, 4.6516
YIQ	52.4770, -5.7770, 0.0710

Conversions

Conversions Part 2

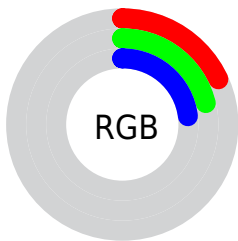
Format	Color
RYB	47, 51, 59
Decimal	3094075
CIELab	22.15, -1.66, -4.13
CIELCh	22, 4.453, 248.130
Yxy	3.5584, 0.2855, 0.3097
Android (android.graphics.Color)	4281284155 (0xFF2F363B)
YUV	52.4770, 3.2158, -4.8033
Hunter-Lab	18.8638, -1.9662, -1.4155

Details

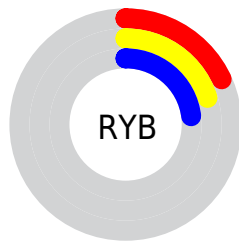
The YUV color **52.4770, 3.2158, -4.8033** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **53.5230, -3.2158, 4.8033**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.1780, 3.3632, -5.4181**, and **7.8080, 4.5317, -6.8476** is the 20% darker color. If you saturate the color by 10%, you get **49.5090, 4.6791, -7.4624**, and if you desaturate by 10%, it is **55.4450, 1.7526, -2.1443**.

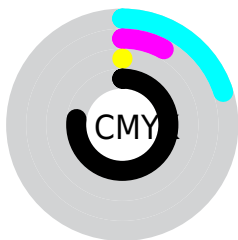
Distribution



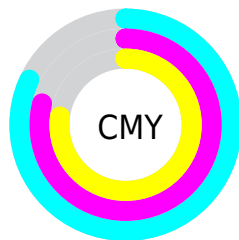
- Red (18%)
- Green (21%)
- Blue (23%)



- Red (18%)
- Yellow (20%)
- Blue (23%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (77%)



- Cyan (82%)
- Magenta (79%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.4770, 3.2158, -4.8033 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 52.4770, 3.2158, -4.8033 by changing the saturation by 10% instead.

■ 52.4770, 3.2158,
-4.8033

■ 52.4770, 3.2158,
-4.8033

■ 255.0000, 0.0000,
0.0000

■ 31.3630, 2.7790,
-4.7034

■ 99.1780, 3.3632,
-5.4181

■ 7.8080, 4.5317,
-6.8476

■ 124.1780, 3.3632,
-5.4181

■ 0.0000, 0.0000,
0.0000

■ 149.2920, 3.8000,
-5.5181

■ 176.2920, 3.8000,
-5.5181

■ 203.9930, 3.9475,
-6.1329

■ 231.9930, 3.9475,

-6.1329

254.7010, 0.1474,
-0.6148

■ 52.4770, 3.2158,
-4.8033

■ 52.4770, 3.2158,
-4.8033

■ 49.5090, 4.6791,
-7.4624

■ 55.4450, 1.7526,
-2.1443

■ 45.9540, 6.4317,
-9.6067

■ 59.0000, 0.0000,
0.0000

■ 42.9860, 7.8949,
-12.2657

■ 61.9680, -1.4632,
2.6591

■ 39.4310, 9.6475,
-14.4100

■ 65.5230, -3.2158,
4.8033

■ 36.4630, 11.1107,
-17.0691

■ 68.4910, -4.6791,
7.4624

■ 33.2070, 12.7159,
-18.5985

■ 71.7470, -6.2843,
8.9919

■ 30.2390, 14.1792,
-21.2576

■ 74.7150, -7.7475,
11.6509

■ 26.6840, 15.9318,
-23.4019

■ 78.2700, -9.5001,
13.7952

■ 81.2380, -10.9633,
16.4543

Harmonies

Analogous

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



52.2380, 2.3477, -6.3477



52.4770, 3.2158, -4.8033



53.0860, 2.9156, -1.8294

Triad

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



52.4770, 3.2158, -4.8033



53.8050, -0.8899, 5.4330



52.4190, -2.1786, -1.2445

Complementary

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



52.4770, 3.2158, -4.8033



53.5230, -3.2158, 4.8033

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.



52.8000, -3.3524, 1.9294



52.4770, 3.2158, -4.8033



53.4630, -2.2003, 5.7329

Square

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



52.4770, 3.2158, -4.8033



53.6630, 1.1521, 3.8035



53.2240, -3.0684, 4.1886



52.0380, -1.0047, -4.4183

Rectangle

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



52.4770, 3.2158, -4.8033



53.0970, 2.9102, -0.0851



53.2240, -3.0684, 4.1886



52.6040, -2.7628, -0.5297

Sweetspot

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



52.4770, 3.2158, -4.8033



74.3310, 1.3158, -2.0443



54.6140, -1.2887, -6.6775



36.8150, 0.5842, -0.7148



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



52.4770, 3.2158, -4.8033



66.6230, 5.1159, -7.5624



48.9550, 4.9522, -1.7145



28.9290, 1.0210, -0.8147



43.0010, 25.1425, -37.7119



101.0310, 59.6377, -88.6042

Inverse Universe

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



51.3860, 1.2887, 6.6775



64.9350, 2.0040, 10.5810



57.0450, -4.9522, 1.7145



29.0110, -0.0054, 1.7444



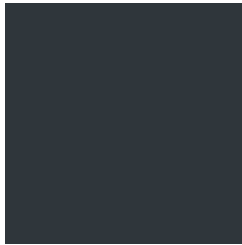
34.3760, 10.1676, 52.2902



81.0840, 23.6226, 123.5833

Previews

White Background



This preview shows how the YUV color 52.4770, 3.2158, -4.8033 looks on a white background.

Color Contrast Check

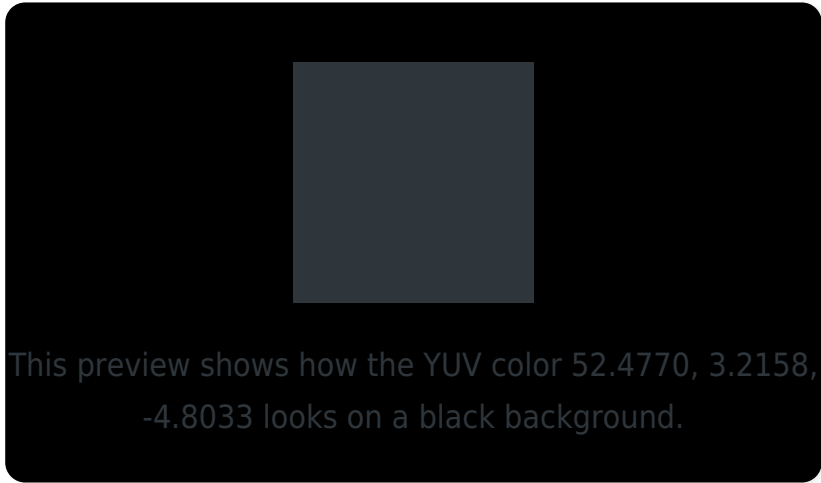
Large Text (above 18pt) WCAG AA ✓ Pass

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

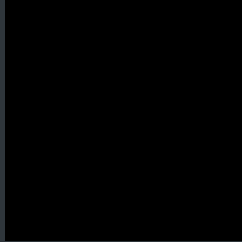
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.4770, 3.2158, -4.8033

Background



This preview shows how black text looks on a background with the YUV color 52.4770, 3.2158, -4.8033.



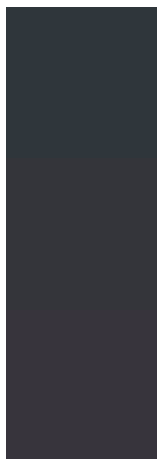
This preview shows how white text looks on a background with the YUV color 52.4770, 3.2158,

-4.8033.

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

52.4770, 3.2158, -4.8033

Protanopia

53.2710, 2.3314, -1.1147

Deuteranopia

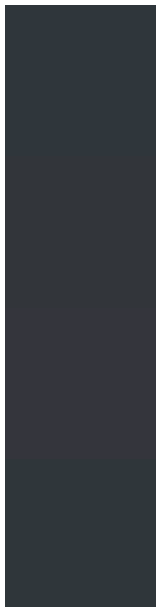
53.8090, 3.0522, 1.0445



Tritanopia

52.3630, 2.7790, -4.7034

Trichromacy



Original Color

52.4770, 3.2158, -4.8033

Protanomaly

52.6730, 2.6262, -2.3442

Deuteranomaly

53.4990, 3.2050, -1.3146

Tritanomaly

52.3630, 2.7790, -4.7034

Monochromacy



Original Color

52.4770, 3.2158, -4.8033

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.3310, 1.3158, -2.0443

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.4770, 3.2158, -4.8033 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(47, 54, 59)` looks like.

```
.text, #text, p{  
    color:rgb(47, 54, 59)  
}
```

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(47, 54, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 54, 59) }
```

Border

The CSS property to change the border of an element to YUV 52.4770, 3.2158, -4.8033 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(47, 54, 59) }
```


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

```
.border{ border-color:rgb(47, 54, 59) }
```

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

Here you see how a box with a 4 pixel rgb(47, 54, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 54, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 54, 59);  
box-shadow:4px 4px 4px 4px rgb(47, 54, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.4770, 3.2158, -4.8033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 54, 59) }
```

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

```
.background{ background-color: rgb(47, 54,  
59) }
```

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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