

Converting Colors

YUV(49.8840, 5.9732, -2.5293)

Have a look what the booklet for
YUV(49.8840, 5.9732, -2.5293)
contains.

YUV(49.8840, 5.9732, -2.5293)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(49.8840, 5.9732,
-2.5293)**

Conversions

Conversions Part 1

Format	Color
Hex	2F313E
RGB	47, 49, 62
RGB Percent	18%, 19%, 24%
CMY	0.8157, 0.8078, 0.7569
CMYK	0.24, 0.21, 0.00, 0.76
HSL	232°, 14%, 21%
HSV	232°, 24%, 24%
XYZ	3.1401, 3.1488, 4.9997
YIQ	49.8840, -5.3650, 3.6190

Conversions

Conversions Part 2

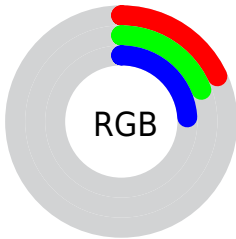
Format	Color
R_YB	47, 49, 62
Decimal	3092798
CIE Lab	20.63, 2.55, -8.46
CIE LCh	21, 8.839, 286.761
Yxy	3.1488, 0.2782, 0.2789
Android (android.graphics.Color)	4281282878 (0xFF2F313E)
YUV	49.8840, 5.9732, -2.5293
Hunter-Lab	17.7448, 0.5340, -4.2840

Details

The YUV color **49.8840, 5.9732, -2.5293** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **59.1160, -5.9732, 2.5293**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.1120, 6.8468, -2.7292**, and **2.8670, 8.4466, -2.5144** is the 20% darker color. If you saturate the color by 10%, you get **45.1550, 8.3046, -3.6439**, and if you desaturate by 10%, it is **54.6130, 3.6418, -1.4146**.

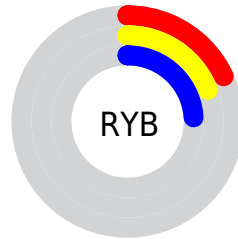
Distribution



Red (18%)

Green (19%)

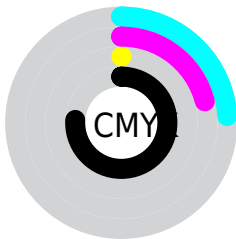
Blue (24%)



Red (18%)

Yellow (19%)

Blue (24%)

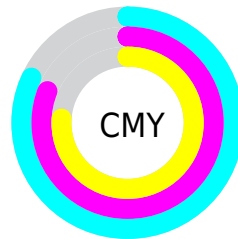


Cyan (24%)

Magenta (21%)

Yellow (0%)

Black (76%)



Cyan (82%)

Magenta (81%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.8840, 5.9732, -2.5293 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 49.8840, 5.9732, -2.5293 by changing the saturation by 10% instead.

■ 49.8840, 5.9732,
-2.5293

■ 49.8840, 5.9732,
-2.5293

■ 255.0000, 0.0000,
0.0000

■ 28.7700, 5.5364,
-2.4293

■ 96.1120, 6.8468,
-2.7292

■ 2.8670, 8.4466,
-2.5144

■ 121.1120, 6.8468,
-2.7292

■ 0.0000, 0.0000,
0.0000

■ 146.5250, 7.1362,
-2.2144

■ 173.2260, 7.2836,
-2.8292

■ 200.3400, 7.7204,
-2.9292

■ 228.3400, 7.7204,

-2.9292

254.7010, 0.1474,
-0.6148

■ 49.8840, 5.9732,
-2.5293

■ 49.8840, 5.9732,
-2.5293

■ 45.1550, 8.3046,
-3.6439

■ 54.6130, 3.6418,
-1.4146

■ 39.8390, 10.9254,
-4.2438

■ 59.9290, 1.0210,
-0.8147

■ 34.8110, 13.4042,
-5.9732

■ 64.9570, -1.4578,
0.9147

■ 30.0820, 15.7356,
-7.0879

■ 69.6860, -3.7892,
2.0294

■ 24.7660, 18.3564,
-7.6878

■ 75.0020, -6.4100,
2.6292

■ 20.0370, 20.6878,
-8.8024

■ 79.7310, -8.7414,
3.7439

■ 14.7210, 23.3085,
-9.4023

■ 85.0470, -11.3622,
4.3438

■ 11.7640, 24.7663,
-10.3170

■ 90.0750, -13.8410,
6.0732

■ 94.8040, -16.1724,
7.1879

Harmonies

Analogous

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



48.3670, 6.7211, -9.0919



49.8840, 5.9732, -2.5293



50.7600, 4.0623, 3.7185

Triad

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



49.8840, 5.9732, -2.5293



50.1000, -4.9793, 10.4363



47.4180, -0.6991, -9.1366

Complementary

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



49.8840, 5.9732, -2.5293



59.1160, -5.9732, 2.5293

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.



48.0550, -3.4781, -4.4332



49.8840, 5.9732, -2.5293



49.4370, -6.1314, 6.6328

Square

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



49.8840, 5.9732, -2.5293



50.4960, -2.2165, 10.9660



48.8170, -5.8258, 1.9145



46.7210, 3.0955, -12.9103

Rectangle

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



49.8840, 5.9732, -2.5293



50.9130, 2.0149, 7.0923



48.8170, -5.8258, 1.9145



47.7880, -1.8675, -7.7071

Sweetspot

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



49.8840, 5.9732, -2.5293



77.2710, 2.3314, -1.1147



57.2870, 1.3375, -9.0217



38.3420, 1.3104, -0.2999



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



49.8840, 5.9732, -2.5293



62.4970, 9.6150, -3.9439



50.2050, 5.8149, 1.5742



28.3420, 1.3104, -0.2999



18.3470, 37.2969, -16.0903



42.9180, 88.2874, -37.6391

Inverse Universe

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



51.7130, -1.3375, 9.0217



65.5180, -2.2274, 14.4547



58.7950, -5.8149, -1.5742



28.8970, -0.4422, 1.8443



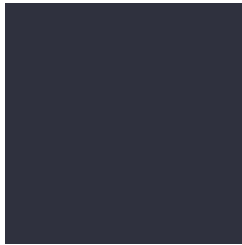
29.5880, -8.1779, 56.4893



69.7980, -19.6204, 133.4812

Previews

White Background



This preview shows how the YUV color 49.8840, 5.9732, -2.5293 looks on a white background.

Color Contrast Check

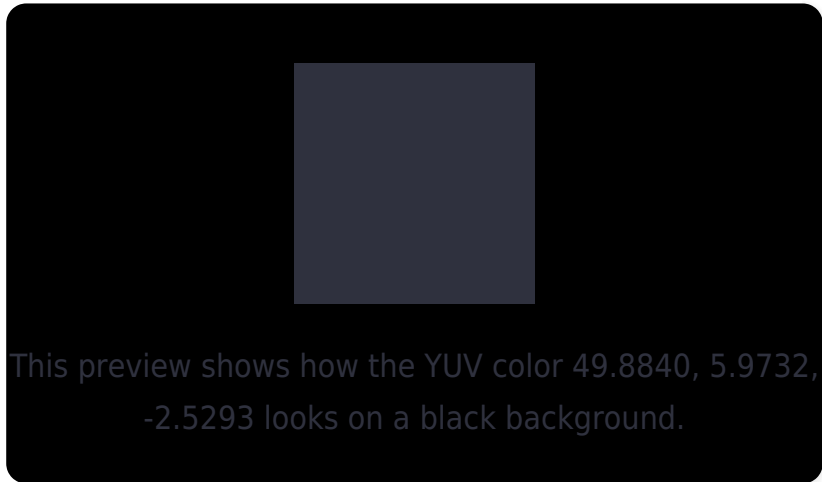
Large Text (above 18pt) WCAG AA ✓ Pass

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

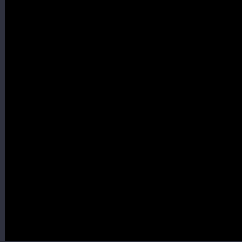
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

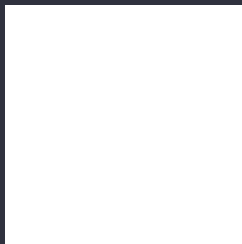
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 49.8840, 5.9732, -2.5293

Background



This preview shows how black text looks on a background with the YUV color 49.8840, 5.9732, -2.5293.



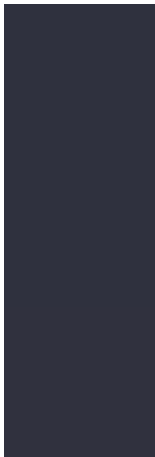
This preview shows how white text looks on a background with the YUV color 49.8840, 5.9732, -2.5293.

-2.5293.

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

49.8840, 5.9732, -2.5293

Protanopia

49.8840, 5.9732, -2.5293

Deuteranopia

50.1830, 5.8258, -1.9145



Tritanopia

49.2600, 2.3368, -2.8590

Trichromacy



Original Color

49.8840, 5.9732, -2.5293

Protanomaly

49.8840, 5.9732, -2.5293

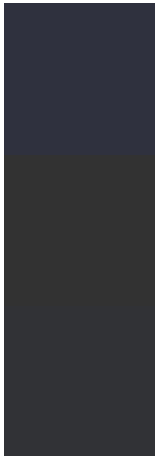
Deuteranomaly

50.1830, 5.8258, -1.9145

Tritanomaly

49.6020, 3.6472, -3.1590

Monochromacy



Original Color

49.8840, 5.9732, -2.5293

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.1570, 1.8946, -1.0147

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.8840, 5.9732, -2.5293 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, 49, 62)` looks like.

```
.text, #text, p{  
    color:rgb(47, 49, 62)  
}
```

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, 49, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 49, 62) }
```

Border

The CSS property to change the border of an element to YUV 49.8840, 5.9732, -2.5293 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, 49, 62) }
```


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

```
.border{ border-color:rgb(47, 49, 62) }
```

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

Here you see how a box with a 4 pixel rgb(47, 49, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 49, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 49, 62);  
box-shadow:4px 4px 4px 4px rgb(47, 49, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.8840, 5.9732, -2.5293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 49, 62) }
```

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

```
.background{ background-color: rgb(47, 49,  
62) }
```

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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