

Converting Colors

YUV(47.5270, 0.7262, 0.4148)

Have a look what the booklet for
YUV(47.5270, 0.7262, 0.4148)
contains.

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Color

**YUV(47.5270, 0.7262,
0.4148)**

Conversions

Conversions Part 1

Format	Color
Hex	302F31
RGB	48, 47, 49
RGB Percent	19%, 18%, 19%
CMY	0.8118, 0.8157, 0.8078
CMYK	0.02, 0.04, 0.00, 0.81
HSL	270°, 2%, 19%
HSV	270°, 4%, 19%
XYZ	2.7898, 2.8832, 3.3152
YIQ	47.5270, -0.0460, 0.8340

Conversions

Conversions Part 2

Format	Color
RYB	48, 47, 49
Decimal	3157809
CIELab	19.57, 0.92, -1.12
CIElCh	20, 1.451, 309.185
Yxy	2.8832, 0.3104, 0.3208
Android (android.graphics.Color)	4281347889 (0xFF302F31)
YUV	47.5270, 0.7262, 0.4148
Hunter-Lab	16.9799, -0.3870, 0.3100

Details

The YUV color **47.5270, 0.7262, 0.4148** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48.4730, -0.7262, -0.4148**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.5270, 0.7262, 0.4148**, and **0.1140, 0.4368, -0.1000** is the 20% darker color. If you saturate the color by 10%, you get **43.9940, 2.4680, 1.7593**, and if you desaturate by 10%, it is **51.0600, -1.0156, -0.9296**.

Distribution



 Red (19%)

 Green (18%)

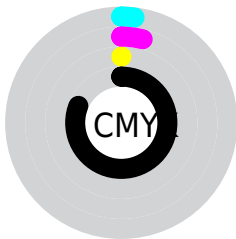
 Blue (19%)



 Red (19%)

 Yellow (18%)

 Blue (19%)



 Cyan (2%)

 Magenta (4%)

 Yellow (0%)

 Black (81%)



 Cyan (81%)

 Magenta (82%)

 Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.5270, 0.7262, 0.4148 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 47.5270, 0.7262, 0.4148 by changing the saturation by 10% instead.

■ 47.5270, 0.7262,
0.4148

■ 47.5270, 0.7262,
0.4148

■ 255.0000, 0.0000,
0.0000

■ 26.5270, 0.7262,
0.4148

■ 93.5270, 0.7262,
0.4148

■ 0.1140, 0.4368,
-0.1000

■ 117.9400, 1.0156,
0.9296

■ 0.0000, 0.0000,
0.0000

■ 143.5270, 0.7262,
0.4148

■ 169.9400, 1.0156,
0.9296

■ 197.5270, 0.7262,
0.4148

■ 225.5270, 0.7262,

0.4148

253.8260, 0.5788,
1.0296

■ 47.5270, 0.7262,
0.4148

■ 47.5270, 0.7262,
0.4148

■ 43.9940, 2.4680,
1.7593

■ 51.0600, -1.0156,
-0.9296

■ 40.1620, 4.3571,
2.4889

■ 54.8920, -2.9048,
-1.6593

■ 36.6290, 6.0989,
3.8334

■ 58.4250, -4.6465,
-3.0037

■ 32.7970, 7.9881,
4.5630

■ 62.2570, -6.5357,
-3.7334

■ 29.8510, 9.4405,
5.3927

■ 65.7900, -8.2775,
-5.0778

■ 26.0190, 11.3296,
6.1223

■ 69.0350, -9.8773,
-5.2927

■ 22.4860, 13.0714,
7.4668

■ 72.5680, -11.6190,
-6.6371

■ 18.6540, 14.9606,
8.1964

■ 76.4000, -13.5082,
-7.3668

■ 15.1210, 16.7023,
9.5409

■ 79.9330, -15.2500,
-8.7112

Harmonies

Analogous

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



47.2280, 0.8736, -0.2000



47.5270, 0.7262, 0.4148



47.7120, 0.1420, 1.1296

Triad

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



47.5270, 0.7262, 0.4148



47.3700, -1.1684, 1.4295



47.1030, 0.4422, -1.8443

Complementary

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



47.5270, 0.7262, 0.4148



48.4730, -0.7262, -0.4148

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.



47.2880, -0.1420, -1.1296



47.5270, 0.7262, 0.4148



47.0710, -1.0210, 0.8147

Square

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



47.5270, 0.7262, 0.4148



47.7830, -0.8790, 1.9443



47.4730, -0.7262, -0.4148



47.2170, 0.8790, -1.9443

Rectangle

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



47.5270, 0.7262, 0.4148



47.8970, -0.4422, 1.8443



47.4730, -0.7262, -0.4148



46.9890, 0.0054, -1.7444

Sweetspot

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



47.5270, 0.7262, 0.4148



63.1140, 0.4368, -0.1000



47.8150, 0.5842, -0.7148



33.0000, 0.0000, 0.0000



161.0000, 0.0000, 0.0000

Same Dimension

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



47.5270, 0.7262, 0.4148



61.6410, 1.1630, 0.3148



47.8260, 0.5788, 1.0296



24.5270, 0.7262, 0.4148



23.6010, 32.2417, 18.7669



57.0300, 78.8652, 44.7007

Inverse Universe

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



47.7120, 0.1420, 1.1296



62.0110, -0.0054, 1.7444



48.1740, -0.5788, -1.0296



24.7120, 0.1420, 1.1296



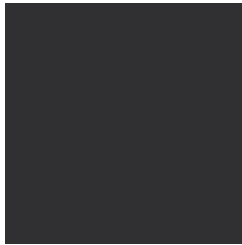
31.7410, 6.5367, 50.2161



77.1950, 15.1869, 122.6090

Previews

White Background



This preview shows how the YUV color 47.5270, 0.7262, 0.4148 looks on a white background.

Color Contrast Check

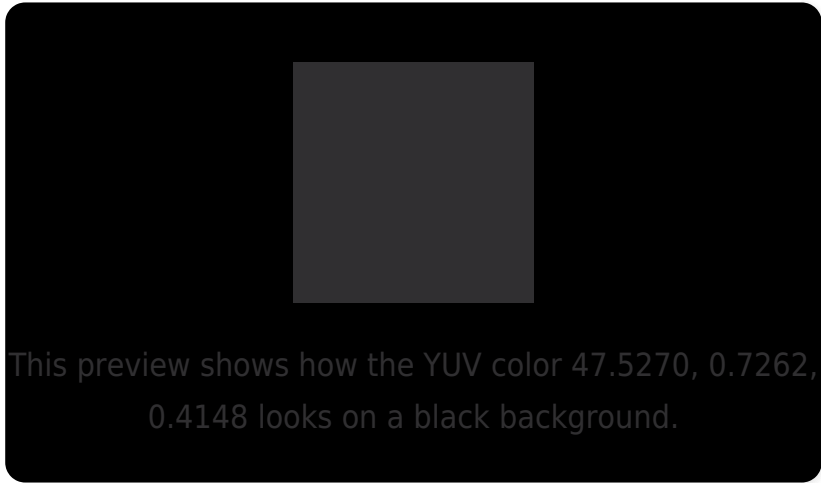
Large Text (above 18pt) WCAG AA ✓ Pass

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

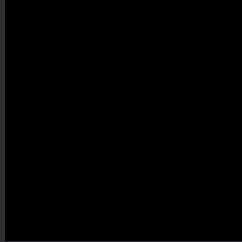
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.5270, 0.7262, 0.4148

Background



This preview shows how black text looks on a background with the YUV color 47.5270, 0.7262, 0.4148.



This preview shows how white text looks on a background with the YUV color 47.5270, 0.7262,

0.4148.

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

47.5270, 0.7262, 0.4148

Protanopia

47.5270, 0.7262, 0.4148

Deuteranopia

47.8370, 0.5734, 2.7740



Tritanopia

47.6410, 1.1630, 0.3148

Trichromacy



Original Color

47.5270, 0.7262, 0.4148

Protanomaly

47.5270, 0.7262, 0.4148

Deuteranomaly

47.5380, 0.7208, 2.1592

Tritanomaly

47.6410, 1.1630, 0.3148

Monochromacy



Original Color

47.5270, 0.7262, 0.4148

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.0000, 0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.5270, 0.7262, 0.4148 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(48, 47, 49)` looks like.

```
.text, #text, p{  
    color:rgb(48, 47, 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(48, 47, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 47, 49) }
```

Border

The CSS property to change the border of an element to YUV 47.5270, 0.7262, 0.4148 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(48, 47, 49) }
```

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

```
.border{ border-color:rgb(48, 47, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 47, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 47, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 47, 49);  
box-shadow:4px 4px 4px 4px rgb(48, 47, 49)  
}
```


Background

The CSS property to change the background color of an element to YUV 47.5270, 0.7262, 0.4148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 47, 49) }
```

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

```
.background{ background-color: rgb(48, 47,  
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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