

Converting Colors

YUV(47.2990, -0.1474, 0.6148)

Have a look what the booklet for
YUV(47.2990, -0.1474, 0.6148)
contains.

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Color

**YUV(47.2990, -0.1474,
0.6148)**

Conversions

Conversions Part 1

Format	Color
Hex	302F2F
RGB	48, 47, 47
RGB Percent	19%, 18%, 18%
CMY	0.8118, 0.8157, 0.8157
CMYK	0.00, 0.02, 0.02, 0.81
HSL	0°, 1%, 19%
HSV	0°, 2%, 19%
XYZ	2.7485, 2.8666, 3.0978
YIQ	47.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

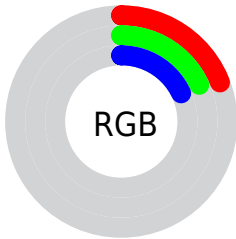
Format	Color
RYB	48, 47, 47
Decimal	3157807
CIELab	19.50, 0.45, 0.15
CIELCh	20, 0.471, 19.075
Yxy	2.8666, 0.3155, 0.3290
Android (android.graphics.Color)	4281347887 (0xFF302F2F)
YUV	47.2990, -0.1474, 0.6148
Hunter-Lab	16.9312, -0.6527, 1.0039

Details

The YUV color **47.2990, -0.1474, 0.6148** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **47.7010, 0.1474, -0.6148**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.2990, -0.1474, 0.6148**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **43.7940, -0.8844, 3.6887**, and if you desaturate by 10%, it is **50.8040, 0.5896, -2.4591**.

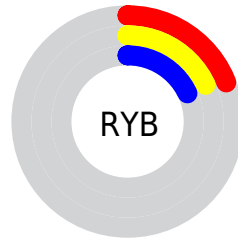
Distribution



Red (19%)

Green (18%)

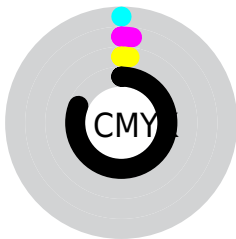
Blue (18%)



Red (19%)

Yellow (18%)

Blue (18%)

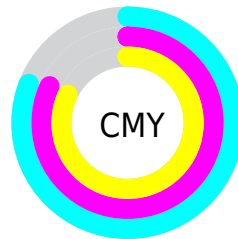


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (81%)



Cyan (81%)

Magenta (82%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.2990, -0.1474, 0.6148 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 47.2990, -0.1474, 0.6148 by changing the saturation by 10% instead.

■ 47.2990, -0.1474,
0.6148

■ 47.2990, -0.1474,
0.6148

■ 255.0000, 0.0000,
0.0000

■ 26.2990, -0.1474,
0.6148

■ 93.2990, -0.1474,
0.6148

■ 0.0000, 0.0000,
0.0000

■ 117.5980, -0.2948,
1.2296

■ 143.2990, -0.1474,
0.6148

■ 169.5980, -0.2948,
1.2296

■ 197.2990, -0.1474,
0.6148

■ 225.2990, -0.1474,

0.6148

253.5980, -0.2948,
1.2296

■ 47.2990, -0.1474,
0.6148

■ 47.2990, -0.1474,
0.6148

■ 43.7940, -0.8844,
3.6887

■ 50.8040, 0.5896,
-2.4591

■ 40.2890, -1.6215,
6.7625

■ 54.3090, 1.3267,
-5.5330

■ 37.4850, -2.2111,
9.2217

■ 57.1130, 1.9163,
-7.9921

■ 33.9800, -2.9481,
12.2955

■ 60.6180, 2.6533,
-11.0660

■ 30.4750, -3.6852,
15.3694

■ 64.1230, 3.3904,
-14.1399

■ 26.9700, -4.4222,
18.4433

■ 67.6280, 4.1274,
-17.2138

■ 23.4650, -5.1592,
21.5172

■ 71.1330, 4.8644,
-20.2876

■ 20.6610, -5.7489,
23.9763

■ 73.9370, 5.4541,
-22.7467

■ 17.1560, -6.4859,
27.0502

■ 77.4420, 6.1911,
-25.8206

Harmonies

Triad

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



47.2990, -0.1474, 0.6148



47.0000, 0.0000, 0.0000



47.1140, 0.4368, -0.1000

Complementary

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



47.2990, -0.1474, 0.6148



47.7010, 0.1474, -0.6148

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.



46.8150, 0.5842, -0.7148



47.2990, -0.1474, 0.6148



47.0000, 0.0000, 0.0000

Square

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



47.2990, -0.1474, 0.6148



47.0000, 0.0000, 0.0000



46.7010, 0.1474, -0.6148



47.1140, 0.4368, -0.1000

Rectangle

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



47.2990, -0.1474, 0.6148



47.2990, -0.1474, 0.6148



46.7010, 0.1474, -0.6148



47.1140, 0.4368, -0.1000

Sweetspot

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



47.2990, -0.1474, 0.6148



61.0000, 0.0000, 0.0000



47.4130, 0.2894, 0.5148



30.2990, -0.1474, 0.6148



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



47.2990, -0.1474, 0.6148



60.2990, -0.1474, 0.6148



47.8860, -0.4368, 0.1000



22.2990, -0.1474, 0.6148



26.0130, -12.8244, 53.4856



63.9860, -31.5451, 131.5623

Inverse Universe

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



47.7010, 0.1474, -0.6148



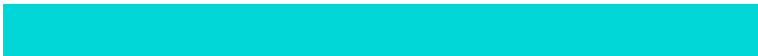
60.7010, 0.1474, -0.6148



22.7010, 0.1474, -0.6148



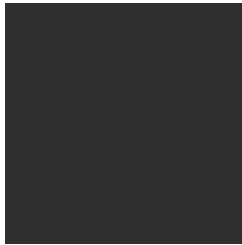
60.9870, 12.8244, -53.4856



150.0140, 31.5451, -131.5623

Previews

White Background



This preview shows how the YUV color 47.2990, -0.1474, 0.6148 looks on a white background.

Color Contrast Check

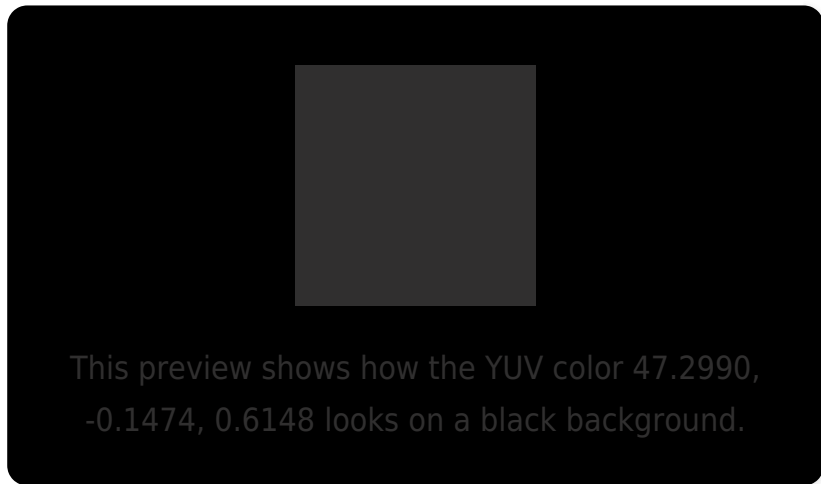
Large Text (above 18pt) WCAG AA ✓ Pass

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

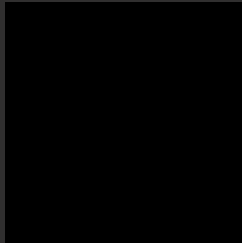
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.2990, -0.1474, 0.6148

Background



This preview shows how black text looks on a background with the YUV color 47.2990, -0.1474, 0.6148.



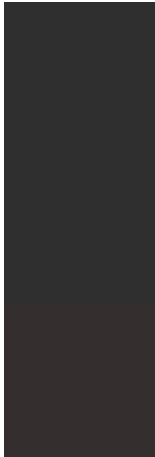
This preview shows how white text looks on a background with the YUV color 47.2990, -0.1474,

0.6148.

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

47.2990, -0.1474, 0.6148

Protanopia

47.2990, -0.1474, 0.6148

Deuteranopia

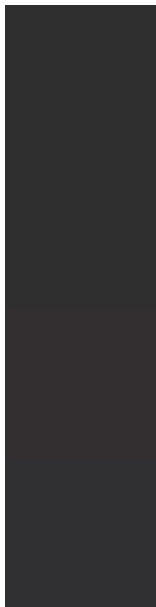
47.9080, -0.4476, 3.5887



Tritanopia

47.6410, 1.1630, 0.3148

Trichromacy



Original Color

47.2990, -0.1474, 0.6148

Protanomaly

47.2990, -0.1474, 0.6148

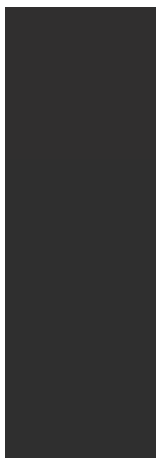
Deuteranomaly

47.6090, -0.3002, 2.9739

Tritanomaly

47.5270, 0.7262, 0.4148

Monochromacy



Original Color

47.2990, -0.1474, 0.6148

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0000, 0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.2990, -0.1474, 0.6148 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, 47)` looks like.

```
.text, #text, p{  
    color:rgb(48, 47, 47)  
}
```

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, 47) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YUV 47.2990, -0.1474, 0.6148 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, 47) }
```

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

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

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, 47) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to YUV 47.2990, -0.1474, 0.6148 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, 47) }
```

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

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

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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