

Converting Colors

YUV(62.9630, -10.3348,
48.2674)

Have a look what the booklet for
YUV(62.9630, -10.3348, 48.2674)
contains.

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Color

**YUV(62.9630, -10.3348,
48.2674)**

Conversions

Conversions Part 1

Format	Color
Hex	76272A
RGB	118, 39, 42
RGB Percent	46%, 15%, 16%
CMY	0.5373, 0.8471, 0.8353
CMYK	0.00, 0.67, 0.64, 0.54
HSL	358°, 50%, 31%
HSV	358°, 67%, 46%
XYZ	8.6147, 5.4698, 2.7922
YIQ	62.9630, 46.1210, 17.6810

Conversions

Conversions Part 2

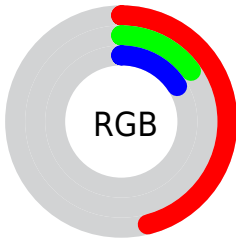
Format	Color
RYB	118, 39, 42
Decimal	7743274
CIELab	28.03, 34.80, 16.94
CIELCh	28, 38.703, 25.959
Yxy	5.4698, 0.5104, 0.3241
Android (android.graphics.Color)	4285933354 (0xFF76272A)
YUV	62.9630, -10.3348, 48.2674
Hunter-Lab	23.3875, 24.8213, 9.2927

Details

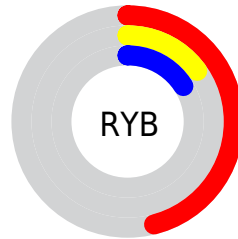
The YUV color **62.9630, -10.3348, 48.2674** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **94.0370, 10.3348, -48.2674**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.1870, -13.4032, 52.4560**, and **19.1360, -9.4340, 39.3457** is the 20% darker color. If you saturate the color by 10%, you get **54.6650, -11.6668, 55.5448**, and if you desaturate by 10%, it is **71.2610, -9.0027, 40.9901**.

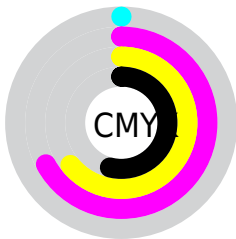
Distribution



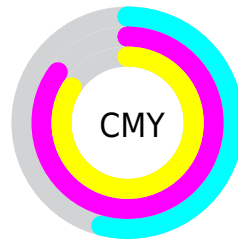
- Red (46%)
- Green (15%)
- Blue (16%)



- Red (46%)
- Yellow (15%)
- Blue (16%)



- Cyan (0%)
- Magenta (67%)
- Yellow (64%)
- Black (54%)



- Cyan (54%)
- Magenta (85%)
- Yellow (84%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.9630, -10.3348, 48.2674 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 62.9630, -10.3348, 48.2674 by changing the saturation by 10% instead.

■ 62.9630, -10.3348,
48.2674

■ 62.9630, -10.3348,
48.2674

255.0000, 0.0000,
0.0000

■ 36.7610, -7.2772,
47.5676

■ 114.1870,
-13.4032, 52.4560

■ 19.1360, -9.4340,
39.3457

■ 140.6820,
-14.1402, 55.5299

■ 12.0740, -5.4595,
24.4911

■ 167.4650,
-15.0192, 57.4742

■ 0.0000, 0.0000,
0.0000

■ 192.8560,
-14.7190, 54.5003

■ 212.3700,
-11.0284, 37.3865

■ 231.9980, -6.9010,

20.1728

252.3270, -2.6262,
2.3442

62.9630, -10.3348,
48.2674

62.9630, -10.3348,
48.2674

54.6650, -11.6668,
55.5448

71.2610, -9.0027,
40.9901

46.2530, -13.4357,
62.9221

79.6730, -7.2338,
33.6128

38.5420, -15.0572,
69.6847

87.3840, -5.6123,
26.8502

35.7380, -15.6468,
72.1438

95.6820, -4.2802,
19.5729

104.0940, -2.5113,
12.1956

■ 112.3920, -1.1793,
4.9182

■ 120.6900, 0.1528,
-2.3591

■ 128.5150, 2.2111,
-9.2217

■ 136.8130, 3.5432,
-16.4990

Harmonies

Analogous

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



64.2090, 3.3480, 46.2977



62.9630, -10.3348, 48.2674



63.3410, -23.8321, 37.4119

Triad

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



62.9630, -10.3348, 48.2674



50.5270, -9.6268, -39.0502



56.0410, 34.4898, -49.1480

Complementary

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



62.9630, -10.3348, 48.2674



94.0370, 10.3348, -48.2674

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.



58.3090, 27.9487, -51.1370



62.9630, -10.3348, 48.2674



53.9140, 3.4934, -47.2826

Square

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



62.9630, -10.3348, 48.2674



59.0510, -27.6331, -3.5527



57.3340, 16.5973, -50.2819



65.9430, 26.6501, -7.8430

Rectangle

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



62.9630, -10.3348, 48.2674



62.8420, -30.4881, 25.5716



57.3340, 16.5973, -50.2819



57.5740, 32.7480, -50.4924

Sweetspot

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



62.9630, -10.3348, 48.2674



131.4970, -3.6960, 18.8581



70.4310, 23.4515, 38.2100



63.7950, -2.3639, 11.5808



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



62.9630, -10.3348, 48.2674



67.9340, -16.2365, 74.6029



83.7530, -22.0632, 30.0346



54.7940, -0.8844, 3.6887



37.0480, -15.7997, 74.5029



75.7760, -32.9206, 152.7944

Inverse Universe

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



62.9630, -10.3348, 48.2674



67.9340, -16.2365, 74.6029



73.2470, 22.0632, -30.0346



54.7940, -0.8844, 3.6887



37.0480, -15.7997, 74.5029



75.7760, -32.9206, 152.7944

Previews

White Background



This preview shows how the YUV color 62.9630, -10.3348, 48.2674 looks on a white background.

Color Contrast Check

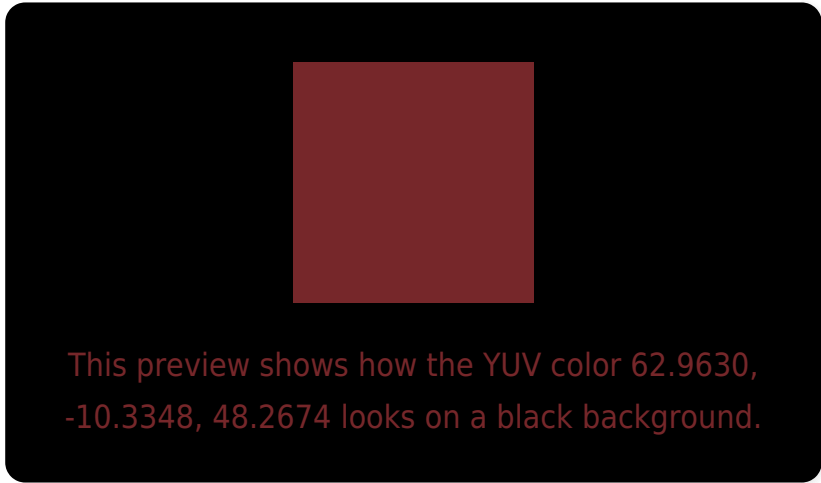
Large Text (above 18pt) WCAG AA ✓ Pass

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

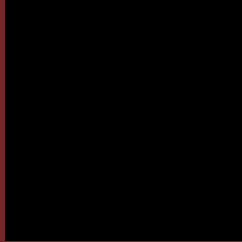
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.9630, -10.3348, 48.2674

Background



This preview shows how black text looks on a background with the YUV color 62.9630, -10.3348, 48.2674.



This preview shows how white text looks on a background with the YUV color 62.9630, -10.3348,

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

62.9630, -10.3348, 48.2674

Protanopia

66.8990, -6.8522, 4.4736

Deuteranopia

66.4180, -14.0101, 13.6654



Tritanopia

62.8490, -10.7716, 48.3674

Trichromacy



Original Color

62.9630, -10.3348, 48.2674

Protanomaly

65.6560, -8.2114, 20.4727

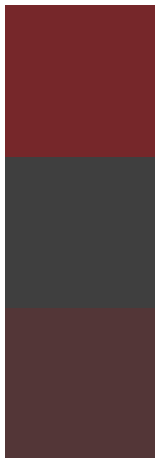
Deuteranomaly

65.1360, -12.8850, 26.1907

Tritanomaly

62.8490, -10.7716, 48.3674

Monochromacy



Original Color

62.9630, -10.3348, 48.2674

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.7850, -3.8380, 17.7286

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.9630, -10.3348, 48.2674 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(118, 39, 42)` looks like.

```
.text, #text, p{  
    color:rgb(118, 39, 42)  
}
```

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(118, 39, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 39, 42) }
```

Border

The CSS property to change the border of an element to YUV 62.9630, -10.3348, 48.2674 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(118, 39, 42) }
```


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

```
.border{ border-color:rgb(118, 39, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 39, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 39, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 39, 42);  
box-shadow:4px 4px 4px 4px rgb(118, 39,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 62.9630, -10.3348, 48.2674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 39, 42) }
```

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

```
.background{ background-color: rgb(118, 39,  
42) }
```

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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