

Converting Colors

YUV(62.5130, -24.9029, 7.4431)

Have a look what the booklet for
YUV(62.5130, -24.9029, 7.4431)
contains.

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Color

**YUV(62.5130, -24.9029,
7.4431)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 47440C |
| RGB | 71, 68, 12 |
| RGB Percent | 28%, 27%, 5% |
| CMY | 0.7216, 0.7333, 0.9529 |
| CMYK | 0.00, 0.04, 0.83, 0.72 |
| HSL | 57°, 71%, 16% |
| HSV | 57°, 83%, 28% |
| XYZ | 4.7320, 5.5004, 1.1601 |
| YIQ | 62.5130, 19.7640, -16.7800 |

Conversions

Conversions Part 2

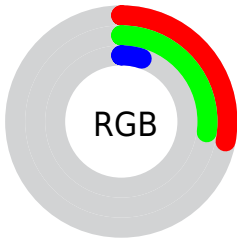
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 15, 71, 12 |
| Decimal | 4670476 |
| CIELab | 28.12, -6.21, 32.05 |
| CIELCh | 28, 32.648, 100.971 |
| Yxy | 5.5004, 0.4154, 0.4828 |
| Android (android.graphics.Color) | 4282860556 (0xFF47440C) |
| YUV | 62.5130, -24.9029, 7.4431 |
| Hunter-Lab | 23.4529, -5.0272, 13.4842 |

Details

The YUV color **62.5130, -24.9029, 7.4431** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **20.4870, 24.9029, -7.4431**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.2960, -25.7819, 9.3874**, and **22.4380, -11.0619, 1.3699** is the 20% darker color. If you saturate the color by 10%, you get **61.7150, -27.9605, 8.1429**, and if you desaturate by 10%, it is **63.3110, -21.8453, 6.7433**.

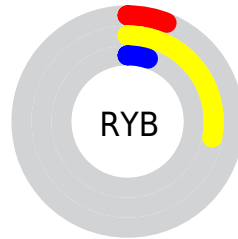
Distribution



Red (28%)

Green (27%)

Blue (5%)



Red (6%)

Yellow (28%)

Blue (5%)

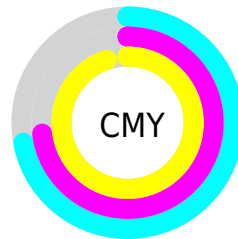


Cyan (0%)

Magenta (4%)

Yellow (83%)

Black (72%)



Cyan (72%)

Magenta (73%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.5130, -24.9029, 7.4431 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 62.5130, -24.9029, 7.4431 by changing the saturation by 10% instead.

62.5130, -24.9029,
7.4431

62.5130, -24.9029,
7.4431

253.7460, -4.8048,
1.0998

41.3540, -20.3875,
5.8285

111.2960,
-25.7819, 9.3874

22.4380, -11.0619,
1.3699

136.4810,
-26.3661, 10.1022

0.0000, 0.0000,
0.0000

163.2530,
-27.2397, 10.3021

190.3240,
-28.2607, 11.1169

218.5090,
-28.8449, 11.8316

244.9000,

-28.5447, 8.8577

■ 250.4400,
-17.4719, 3.9991

■ 62.5130, -24.9029,
7.4431

■ 62.5130, -24.9029,
7.4431

■ 61.7150, -27.9605,
8.1429

■ 63.3110, -21.8453,
6.7433

■ 60.5580, -29.8551,
9.1576

■ 64.6960, -19.0771,
5.5286

■ 65.4940, -16.0195,
4.8288

■ 66.2920, -12.9620,
4.1289

■ 67.7910, -9.7570,
2.8143

■ 68.5890, -6.6994,
2.1144

■ 69.9740, -3.9312,
0.8998

■ 70.7720, -0.8736,
0.2000

■ 71.5700, 2.1840,
-0.4999

Harmonies

Analogous

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



64.3780, -23.3574, 25.1015



62.5130, -24.9029, 7.4431



59.2590, -16.3967, -14.2591

Triad

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



62.5130, -24.9029, 7.4431



56.4850, 20.9599, -49.5373



67.5600, 7.6119, 31.9579

Complementary

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



62.5130, -24.9029, 7.4431



20.4870, 24.9029, -7.4431

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.



68.6480, 17.4285, 9.9557



62.5130, -24.9029, 7.4431



55.8470, 28.6694, -48.9778

Square

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



62.5130, -24.9029, 7.4431



54.9230, 9.8980, -48.1675



62.1320, 26.5569, -24.6718



65.3410, -3.6191, 40.9199

Rectangle

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



62.5130, -24.9029, 7.4431



54.3580, -6.5855, -34.5170



62.1320, 26.5569, -24.6718



68.1400, 11.2700, 25.3102

Sweetspot

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



62.5130, -24.9029, 7.4431



88.7910, -9.7570, 2.8143



30.0970, -6.9498, 35.8719



43.8170, -5.8258, 1.9145



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



62.5130, -24.9029, 7.4431



78.5770, -38.7385, 11.7720



56.5000, -21.9385, -10.0855



35.5440, -1.7472, 0.3999



84.7790, -41.7960, 12.4718



194.0780, -95.6805, 28.8726

Inverse Universe

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



20.4870, 24.9029, -7.4431



13.4230, 38.7385, -11.7720



26.5000, 21.9385, 10.0855



32.4560, 1.7472, -0.3999



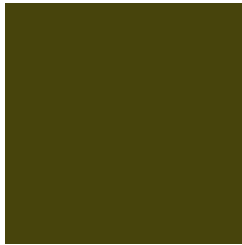
14.2210, 41.7960, -12.4718



32.9220, 95.6805, -28.8726

Previews

White Background



This preview shows how the YUV color 62.5130, -24.9029, 7.4431 looks on a white background.

Color Contrast Check

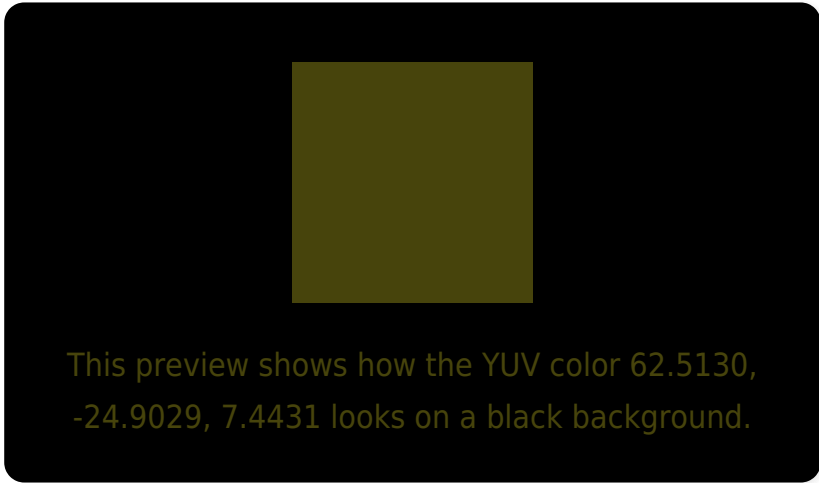
Large Text (above 18pt) WCAG AA ✓ Pass

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

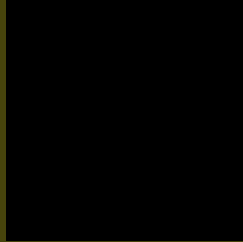
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.5130, -24.9029, 7.4431

Background



This preview shows how black text looks on a background with the YUV color 62.5130, -24.9029, 7.4431.



This preview shows how white text looks on a background with the YUV color 62.5130, -24.9029,

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

62.5130, -24.9029, 7.4431

Protanopia

63.1220, -25.2031, 10.4170

Deuteranopia

63.8070, -24.0619, 17.7093



Tritanopia

67.1580, 0.4151, 6.8774

Trichromacy



Original Color

62.5130, -24.9029, 7.4431

Protanomaly

62.8230, -25.0557, 9.8022

Deuteranomaly

63.3720, -24.3404, 13.7058

Tritanomaly

65.7530, -8.7522, 7.2326

Monochromacy



Original Color

62.5130, -24.9029, 7.4431

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.9050, -9.3202, 2.7143

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.5130, -24.9029, 7.4431 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(71, 68, 12)` looks like.

```
.text, #text, p{  
    color:rgb(71, 68, 12)  
}
```

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(71, 68, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 68, 12) }
```

Border

The CSS property to change the border of an element to YUV 62.5130, -24.9029, 7.4431 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(71, 68, 12) }
```


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

```
.border{ border-color:rgb(71, 68, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 68, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 68, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 68, 12);  
box-shadow:4px 4px 4px 4px rgb(71, 68, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.5130, -24.9029, 7.4431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 68, 12) }
```

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

```
.background{ background-color: rgb(71, 68,  
12) }
```

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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