

Converting Colors

YUV(48.4950, 6.1650, 29.3839)

Have a look what the booklet for
YUV(48.4950, 6.1650, 29.3839)
contains.

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Color

**YUV(48.4950, 6.1650,
29.3839)**

Conversions

Conversions Part 1

Format	Color
Hex	521D3D
RGB	82, 29, 61
RGB Percent	32%, 11%, 24%
CMY	0.6784, 0.8863, 0.7608
CMYK	0.00, 0.65, 0.26, 0.68
HSL	324°, 48%, 22%
HSV	324°, 65%, 32%
XYZ	4.7613, 3.0095, 4.7448
YIQ	48.4950, 21.3160, 21.1880

Conversions

Conversions Part 2

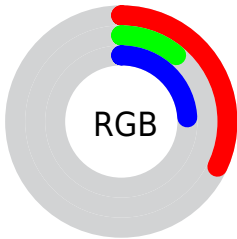
Format	Color
RYB	82, 29, 61
Decimal	5381437
CIELab	20.08, 28.79, -8.17
CIELCh	20, 29.929, 344.158
Yxy	3.0095, 0.3804, 0.2405
Android (android.graphics.Color)	4283571517 (0xFF521D3D)
YUV	48.4950, 6.1650, 29.3839
Hunter-Lab	17.3479, 18.6328, -4.0729

Details

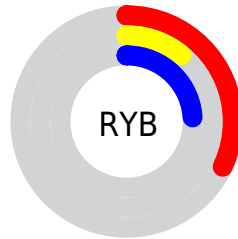
The YUV color **48.4950, 6.1650, 29.3839** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **62.5050, -6.1650, -29.3839**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.6910, 5.5753, 31.8430**, and **13.8270, 2.5503, 22.0767** is the 20% darker color. If you saturate the color by 10%, you get **43.4570, 7.1697, 33.8022**, and if you desaturate by 10%, it is **53.5330, 5.1602, 24.9656**.

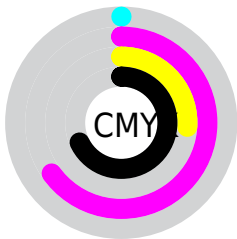
Distribution



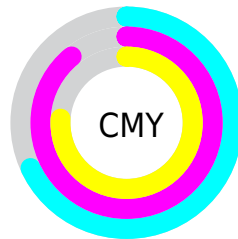
- Red (32%)
- Green (11%)
- Blue (24%)



- Red (32%)
- Yellow (11%)
- Blue (24%)



- Cyan (0%)
- Magenta (65%)
- Yellow (26%)
- Black (68%)





- Cyan (68%)
- Magenta (89%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.4950, 6.1650, 29.3839 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 48.4950, 6.1650, 29.3839 by changing the saturation by 10% instead.

 48.4950, 6.1650,
29.3839

 48.4950, 6.1650,
29.3839

255.0000, 0.0000,
0.0000

 24.7230, 7.0386,
29.1839


 96.6910, 5.5753,
31.8430

 13.8270, 2.5503,
22.0767

 122.4030, 5.7173,
32.9726

 0.0000, 0.0000,
0.0000

 148.4140, 5.7119,
34.7169


 175.7130, 5.5645,
35.3317


 203.4250, 5.7065,
36.4613

 226.0430, 8.3598,


25.3953


 243.8470, 5.4984,
9.7812


 48.4950, 6.1650,
29.3839

 48.4950, 6.1650,
29.3839


 43.4570, 7.1697,
33.8022


 53.5330, 5.1602,
24.9656

 38.4190, 8.1744,
38.2205


 58.5710, 4.1555,
20.5472

 32.6800, 9.0318,
43.2536

 64.3100, 3.2982,
15.5141

 30.2180, 9.7525,
45.4128

 69.3480, 2.2934,
11.0958

 74.3860, 1.2887,
6.6775

■ 79.4240, 0.2840,
2.2592

■ 84.5760, -0.2840,
-2.2592

■ 90.2010, -1.5781,
-7.1923

■ 95.2390, -2.5828,
-11.6106

Harmonies

Analogous

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



50.2630, 14.6603, 11.1703



48.4950, 6.1650, 29.3839



46.6070, -3.7503, 36.3017

Triad

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



48.4950, 6.1650, 29.3839



44.8870, -22.1293, 4.4841



43.0520, 17.7224, -37.7566

Complementary

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



48.4950, 6.1650, 29.3839



62.5050, -6.1650, -29.3839

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.



41.3590, 8.6970, -36.2718



48.4950, 6.1650, 29.3839



41.1710, -12.9023, -15.0590

Square

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



48.4950, 6.1650, 29.3839



45.8720, -22.6149, 20.2833



38.1500, -1.0599, -33.4575



42.0720, 24.1215, -36.8971

Rectangle

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



48.4950, 6.1650, 29.3839



46.4620, -10.5808, 33.7978



38.1500, -1.0599, -33.4575



42.3680, 15.1016, -37.1567

Sweetspot

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



48.4950, 6.1650, 29.3839



94.3480, 2.2934, 11.0958



41.0220, 20.2022, 6.9967



45.7990, 1.5781, 7.1923



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



48.4950, 6.1650, 29.3839



54.5170, 9.6051, 46.0276



45.5310, -5.1918, 31.9833



38.4240, 0.2840, 2.2592



38.5770, 12.0405, 58.2530



85.3280, 26.9533, 128.6313

Inverse Universe

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



48.4950, 6.1650, 29.3839



54.5170, 9.6051, 46.0276



65.4690, 5.1918, -31.9833



38.4240, 0.2840, 2.2592



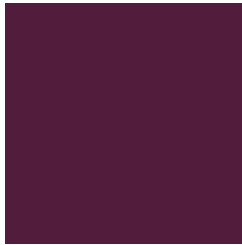
38.5770, 12.0405, 58.2530



85.3280, 26.9533, 128.6313

Previews

White Background



This preview shows how the YUV color 48.4950, 6.1650, 29.3839 looks on a white background.

Color Contrast Check

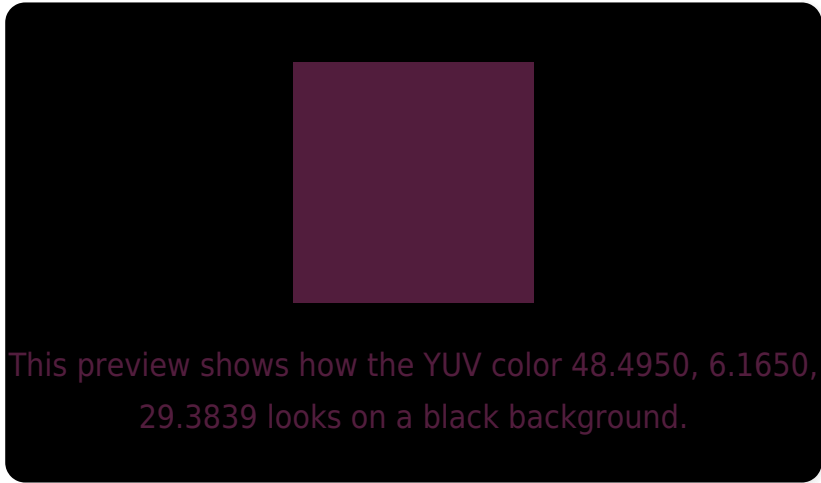
Large Text (above 18pt) WCAG AA ✓ Pass

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

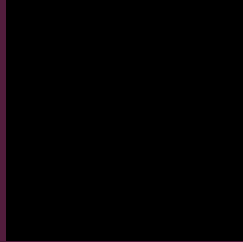
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.4950, 6.1650, 29.3839

Background



This preview shows how black text looks on a background with the YUV color 48.4950, 6.1650, 29.3839.



This preview shows how white text looks on a background with the YUV color 48.4950, 6.1650,

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

48.4950, 6.1650, 29.3839

Protanopia

49.3870, 13.1202, -8.2324

Deuteranopia

49.7380, 4.0732, 0.2298



Tritanopia

48.6830, -5.7597, 27.4650

Trichromacy



Original Color

48.4950, 6.1650, 29.3839

Protanomaly

49.1930, 10.7509, 5.0927

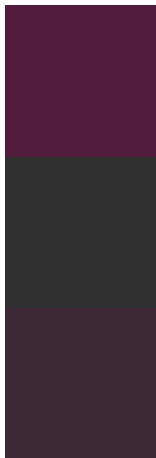
Deuteranomaly

49.3310, 4.7668, 11.1107

Tritanomaly

48.8340, -1.3972, 28.2096

Monochromacy



Original Color

48.4950, 6.1650, 29.3839

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.0490, 2.4408, 10.4810

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.4950, 6.1650, 29.3839 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(82, 29, 61)` looks like.

```
.text, #text, p{  
    color:rgb(82, 29, 61)  
}
```

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(82, 29, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 29, 61) }
```

Border

The CSS property to change the border of an element to YUV 48.4950, 6.1650, 29.3839 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(82, 29, 61) }
```


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

```
.border{ border-color:rgb(82, 29, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 29, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 29, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 29, 61);  
box-shadow:4px 4px 4px 4px rgb(82, 29, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.4950, 6.1650, 29.3839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 29, 61) }
```

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

```
.background{ background-color: rgb(82, 29,  
61) }
```

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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