

Converting Colors

YUV(48.2700, 47.6879, 11.1642)

Have a look what the booklet for
YUV(48.2700, 47.6879, 11.1642)
contains.

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Color

**YUV(48.2700, 47.6879,
11.1642)**

Conversions

Conversions Part 1

Format	Color
Hex	3D1791
RGB	61, 23, 145
RGB Percent	24%, 9%, 57%
CMY	0.7608, 0.9098, 0.4314
CMYK	0.58, 0.84, 0.00, 0.43
HSL	259°, 73%, 33%
HSV	259°, 84%, 57%
XYZ	7.3417, 3.6492, 27.1055
YIQ	48.2700, -16.5140, 45.9980

Conversions

Conversions Part 2

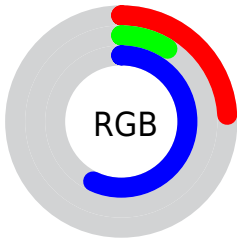
Format	Color
R _Y B	61, 23, 145
Decimal	4003729
CIE Lab	22.48, 47.09, -59.48
CIE LCh	22, 75.863, 308.373
Yxy	3.6492, 0.1927, 0.0958
Android (android.graphics.Color)	4282193809 (0xFF3D1791)
YUV	48.2700, 47.6879, 11.1642
Hunter-Lab	19.1029, 35.1715, -70.7555

Details

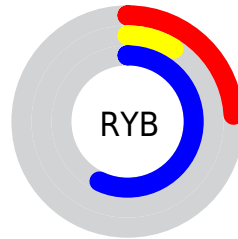
The YUV color **48.2700, 47.6879, 11.1642** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **119.7300, -47.6879, -11.1642**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.2320, 48.6926, 15.5825**, and **10.6020, 40.6222, -9.2980** is the 20% darker color. If you saturate the color by 10%, you get **37.0620, 53.2134, 12.2236**, and if you desaturate by 10%, it is **59.4780, 42.1623, 10.1048**.

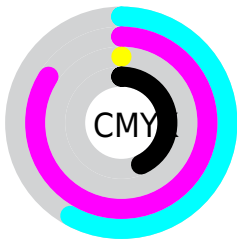
Distribution



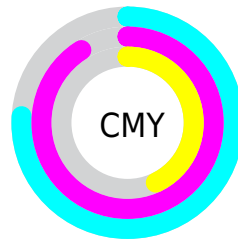
- Red (24%)
- Green (9%)
- Blue (57%)



- Red (24%)
- Yellow (9%)
- Blue (57%)



- Cyan (58%)
- Magenta (84%)
- Yellow (0%)
- Black (43%)



- Cyan (76%)
- Magenta (91%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.2700, 47.6879, 11.1642 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 48.2700, 47.6879, 11.1642 by changing the saturation by 10% instead.

■ 48.2700, 47.6879,
11.1642

■ 48.2700, 47.6879,
11.1642

■ 255.0000, 0.0000,
0.0000

■ 21.6390, 47.9990,
4.7016

■ 101.2320, 48.6926,
15.5825

■ 10.6020, 40.6222,
-9.2980

■ 127.5850, 49.9976,
17.0270

■ 7.8660, 30.1391,
-6.8985

■ 154.4820, 49.5554,
18.8713

■ 6.8910, 18.7877,
-6.0434

■ 178.4150, 37.7564,
23.3150

■ 3.3230, 10.1938,
-2.9143

■ 203.5220, 25.3787,
26.7292

■ 0.0000, 0.0000,
0.0000

■ 226.2370, 14.1802,

25.2252

242.6730, 6.0772,
10.8108

48.2700, 47.6879,
11.1642

48.2700, 47.6879,
11.1642

37.0620, 53.2134,
12.2236

59.4780, 42.1623,
10.1048

29.9850, 56.7024,
13.1682

71.2730, 36.3474,
8.5306

82.4810, 30.8219,
7.4712

94.2760, 25.0069,
5.8969

106.0710, 19.1920,
4.3227

■ 117.2790, 13.6665,
3.2633

■ 128.4870, 8.1409,
2.2039

■ 140.2820, 2.3260,
0.6297

■ 152.0770, -3.4890,
-0.9445

Harmonies

Analogous

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



54.0130, 57.1816, -47.3694



48.2700, 47.6879, 11.1642



49.0310, 23.6487, 68.3788

Triad

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



48.2700, 47.6879, 11.1642



48.0860, -23.7064, 43.7746



50.7170, 9.0135, -44.4788

Complementary

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



48.2700, 47.6879, 11.1642



119.7300, -47.6879, -11.1642

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.



42.0190, -19.2364, -36.8507



48.2700, 47.6879, 11.1642



49.3060, -24.3079, 3.2396

Square

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



48.2700, 47.6879, 11.1642



39.1690, -19.3103, 80.5358



39.3290, -19.3892, -34.4915



57.5740, 32.7480, -50.4924

Rectangle

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



48.2700, 47.6879, 11.1642



49.2980, 5.2761, 81.2997



39.3290, -19.3892, -34.4915



47.8500, 0.5670, -41.9644

Sweetspot

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



48.2700, 47.6879, 11.1642



151.5440, 18.4658, 3.9079



86.8030, 28.6911, -55.9552



71.8830, 10.9037, 2.7336



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



48.2700, 47.6879, 11.1642



39.1870, 73.8578, 17.3760



66.2100, 38.8435, 48.0508



65.3960, 2.7628, 0.5297



27.9480, 52.7766, 12.3236



1.5100, 3.1996, 0.4297

Inverse Universe

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



69.0540, 18.7074, 66.6046



71.3310, 28.9238, 103.1957



101.7900, -38.8435, -48.0508



66.6630, 1.1521, 3.8035



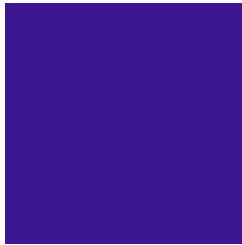
50.9670, 20.7223, 73.6969



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 48.2700, 47.6879, 11.1642 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

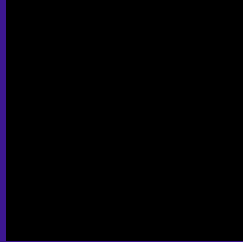
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.2700, 47.6879, 11.1642

Background



This preview shows how black text looks on a background with the YUV color 48.2700, 47.6879, 11.1642.



This preview shows how white text looks on a background with the YUV color 48.2700, 47.6879,

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

48.2700, 47.6879, 11.1642

Protanopia

43.7650, 33.1469, -38.3819

Deuteranopia

43.7020, 25.2899, -38.3267



Tritanopia

50.3010, 6.7536, -19.5580

Trichromacy



Original Color

48.2700, 47.6879, 11.1642

Protanomaly

45.2540, 38.3288, -20.3938

Deuteranomaly

45.2880, 33.3820, -20.4236

Tritanomaly

49.5640, 21.4139, -8.3876

Monochromacy



Original Color

48.2700, 47.6879, 11.1642

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.2020, 17.1554, 4.2078

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.2700, 47.6879, 11.1642 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(61, 23, 145)` looks like.

```
.text, #text, p{  
    color:rgb(61, 23, 145)  
}
```

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(61, 23, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 23, 145) }
```

Border

The CSS property to change the border of an element to YUV 48.2700, 47.6879, 11.1642 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(61, 23, 145) }
```


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

```
.border{ border-color:rgb(61, 23, 145) }
```

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

Here you see how a box with a 4 pixel rgb(61, 23, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 23, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 23, 145);  
box-shadow:4px 4px 4px 4px rgb(61, 23,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 48.2700, 47.6879, 11.1642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 23, 145) }
```

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

```
.background{ background-color: rgb(61, 23,  
145) }
```

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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