

Converting Colors

YUV(47.7070, 61.7694, 21.3050)

Have a look what the booklet for
YUV(47.7070, 61.7694, 21.3050)
contains.

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Color

**YUV(47.7070, 61.7694,
21.3050)**

Conversions

Conversions Part 1

Format	Color
Hex	480BAD
RGB	72, 11, 173
RGB Percent	28%, 4%, 68%
CMY	0.7176, 0.9569, 0.3216
CMYK	0.58, 0.94, 0.00, 0.32
HSL	263°, 88%, 36%
HSV	263°, 94%, 68%
XYZ	10.3350, 4.6342, 39.8849
YIQ	47.7070, -15.6460, 63.3140

Conversions

Conversions Part 2

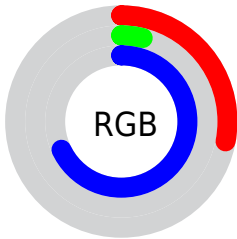
Format	Color
R_{YB}	72, 11, 173
Decimal	4721581
CIE Lab	25.67, 59.05, -71.26
CIE LCh	26, 92.553, 309.647
Yxy	4.6342, 0.1884, 0.0845
Android (android.graphics.Color)	4282911661 (0xFF480BAD)
YUV	47.7070, 61.7694, 21.3050
Hunter-Lab	21.5272, 48.0235, -94.7818

Details

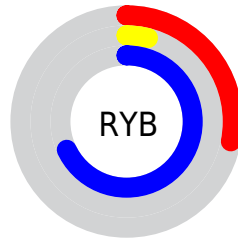
The YUV color **47.7070, 61.7694, 21.3050** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **136.2930, -61.7694, -21.3050**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.0770, 60.6010, 22.7345**, and **13.5660, 51.9790, -11.8974** is the 20% darker color. If you saturate the color by 10%, you get **39.1570, 65.9846, 22.6643**, and if you desaturate by 10%, it is **60.9750, 55.2283, 19.3159**.

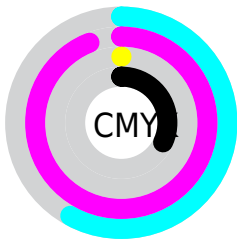
Distribution



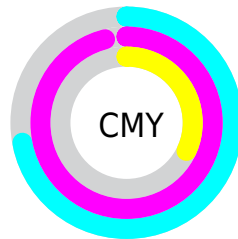
- Red (28%)
- Green (4%)
- Blue (68%)



- Red (28%)
- Yellow (4%)
- Blue (68%)



- Cyan (58%)
- Magenta (94%)
- Yellow (0%)
- Black (32%)



- Cyan (72%)
- Magenta (96%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.7070, 61.7694, 21.3050 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 47.7070, 61.7694, 21.3050 by changing the saturation by 10% instead.

■ 47.7070, 61.7694,
21.3050

■ 47.7070, 61.7694,
21.3050

■ 255.0000, 0.0000,
0.0000

■ 27.4080, 58.4659,
7.5352

■ 107.0770, 60.6010,
22.7345

■ 13.5660, 51.9790,
-11.8974

■ 133.8600, 59.7220,
24.6788

■ 10.6020, 40.6222,
-9.2980

■ 158.6790, 47.4863,
29.2225

■ 12.4480, 27.3871,
-10.9169

■ 183.4980, 35.2505,
33.7663

■ 6.8910, 18.7877,
-6.0434

■ 208.6160, 22.8673,
38.9248

■ 3.3230, 10.1938,
-2.9143


■ 226.2370, 14.1802,


■ 0.0000, 0.0000,


25.2252


0.0000


 242.6730, 6.0772,
10.8108


 47.7070, 61.7694,
21.3050

 47.7070, 61.7694,
21.3050

 39.1570, 65.9846,
22.6643

 60.9750, 55.2283,
19.3159

 74.8300, 48.3978,
16.8121

 87.7990, 42.0041,
14.2083

 101.0670, 35.4630,
12.2192

 114.9220, 28.6325,
9.7154

■ 128.1900, 22.0913,
7.7264

■ 141.4580, 15.5502,
5.7373

■ 154.4270, 9.1565,
3.1335

■ 168.2820, 2.3260,
0.6297

Harmonies

Analogous

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



62.8130, 70.5912, -55.0870



47.7070, 61.7694, 21.3050



58.5150, 26.3681, 82.8633

Triad

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



47.7070, 61.7694, 21.3050



54.0330, -26.6383, 50.8371



58.1830, 12.2348, -51.0265

Complementary

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



47.7070, 61.7694, 21.3050



136.2930, -61.7694, -21.3050

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.



47.5470, -23.4407, -41.6987



47.7070, 61.7694, 21.3050



55.1870, -27.2072, -0.1640

Square

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



47.7070, 61.7694, 21.3050



45.7470, -22.5533, 94.0609



45.1990, -22.2831, -39.6395



67.2230, 41.7951, -58.9546

Rectangle

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



47.7070, 61.7694, 21.3050



58.3540, 3.7695, 97.9135



45.1990, -22.2831, -39.6395



54.7460, 1.6042, -48.0122

Sweetspot

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



47.7070, 61.7694, 21.3050



175.9450, 23.6911, 7.9412



89.9290, 40.9540, -69.2207



82.5180, 14.5346, 4.8077



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



47.7070, 61.7694, 21.3050



50.6520, 85.4606, 29.2462



71.3280, 50.1243, 69.8723



79.9230, 3.4890, 0.9445



34.1430, 57.1175, 20.0456



5.3130, 8.7197, 3.2335

Inverse Universe

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



70.9520, 20.2367, 89.4961



82.9360, 28.1326, 123.7131



112.6720, -50.1243, -69.8723



81.2610, 0.8573, 5.0331



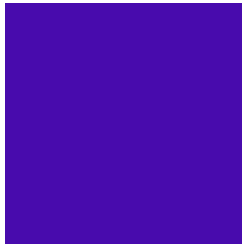
55.5660, 18.9480, 82.8186



8.4730, 2.7248, 12.7402

Previews

White Background



This preview shows how the YUV color 47.7070, 61.7694, 21.3050 looks on a white background.

Color Contrast Check

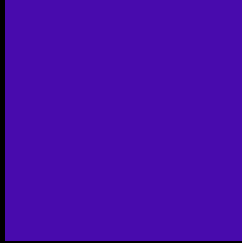
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 47.7070, 61.7694, 21.3050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

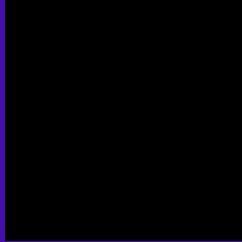
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.7070, 61.7694, 21.3050

Background



This preview shows how black text looks on a background with the YUV color 47.7070, 61.7694, 21.3050.



This preview shows how white text looks on a background with the YUV color 47.7070, 61.7694,

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

47.7070, 61.7694, 21.3050

Protanopia

49.5840, 37.6731, -43.4852

Deuteranopia

49.8800, 28.6532, -43.7448



Tritanopia

57.2080, 7.7855, -23.8614

Trichromacy



Original Color

47.7070, 61.7694, 21.3050

Protanomaly

48.7300, 46.4751, -19.9342

Deuteranomaly

49.2370, 40.8022, -20.3788

Tritanomaly

53.4700, 27.3763, -7.4282

Monochromacy



Original Color

47.7070, 61.7694, 21.3050

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.1900, 22.0913, 7.7264

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.7070, 61.7694, 21.3050 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(72, 11, 173)` looks like.

```
.text, #text, p{  
    color:rgb(72, 11, 173)  
}
```

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(72, 11, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 11, 173) }
```

Border

The CSS property to change the border of an element to YUV 47.7070, 61.7694, 21.3050 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(72, 11, 173) }
```


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

```
.border{ border-color:rgb(72, 11, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 11, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 11, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 11, 173);  
box-shadow:4px 4px 4px 4px rgb(72, 11,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 47.7070, 61.7694, 21.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 11, 173) }
```

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

```
.background{ background-color: rgb(72, 11,  
173) }
```

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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