

Converting Colors

YUV(47.4340, 28.8730, 25.9294)

Have a look what the booklet for
YUV(47.4340, 28.8730, 25.9294)
contains.

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Color

**YUV(47.4340, 28.8730,
25.9294)**

Conversions

Conversions Part 1

Format	Color
Hex	4D156A
RGB	77, 21, 106
RGB Percent	30%, 8%, 42%
CMY	0.6980, 0.9176, 0.5843
CMYK	0.27, 0.80, 0.00, 0.58
HSL	280°, 67%, 25%
HSV	280°, 80%, 42%
XYZ	5.9303, 3.1547, 13.9320
YIQ	47.4340, 6.0910, 38.3070

Conversions

Conversions Part 2

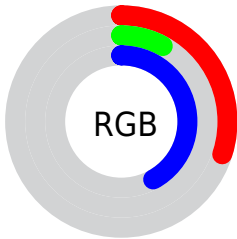
Format	Color
R_{YB}	77, 21, 106
Decimal	5051754
CIE _{Lab}	20.65, 40.32, -37.59
CIE _{LCh}	21, 55.125, 317.012
Yxy	3.1547, 0.2576, 0.1371
Android (android.graphics.Color)	4283241834 (0xFF4D156A)
YUV	47.4340, 28.8730, 25.9294
Hunter-Lab	17.7615, 28.5152, -34.0736

Details

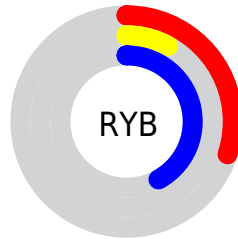
The YUV color **47.4340, 28.8730, 25.9294** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **79.5660, -28.8730, -25.9294**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.2600, 29.4518, 26.9590**, and **15.8810, 20.7647, 13.2594** is the 20% darker color. If you saturate the color by 10%, you get **39.7810, 32.6460, 29.1331**, and if you desaturate by 10%, it is **55.0870, 25.1001, 22.7257**.

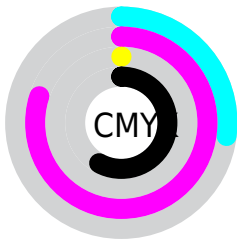
Distribution



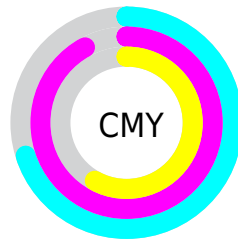
- Red (30%)
- Green (8%)
- Blue (42%)



- Red (30%)
- Yellow (8%)
- Blue (42%)



- Cyan (27%)
- Magenta (80%)
- Yellow (0%)
- Black (58%)



- Cyan (70%)
- Magenta (92%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.4340, 28.8730, 25.9294 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 47.4340, 28.8730, 25.9294 by changing the saturation by 10% instead.

47.4340, 28.8730,
25.9294

47.4340, 28.8730,
25.9294

255.0000, 0.0000,
0.0000

24.7820, 27.7155,
23.8702

98.2600, 29.4518,
26.9590

15.8810, 20.7647,
13.2594

124.0860, 30.0306,
27.9886

5.1640, 14.7091,
-4.5288

150.9120, 30.6094,
29.0182

1.1400, 4.3680,
-0.9998


177.8520, 31.6250,
29.9478


0.0000, 0.0000,
0.0000


203.8540, 25.2150,
32.5770


224.4760, 15.0483,


26.7695


 241.4990, 6.6560,
11.8404


 47.4340, 28.8730,
25.9294


 47.4340, 28.8730,
25.9294


 39.7810, 32.6460,
29.1331


 55.0870, 25.1001,
22.7257

 33.0140, 35.9821,
32.4367

 61.8540, 21.7640,
19.4220

 69.5070, 17.9910,
16.2184

 76.2740, 14.6549,
12.9147

 83.9270, 10.8820,
9.7110

■ 91.5800, 7.1091,
6.5073

■ 98.3470, 3.7729,
3.2037

■ 106.0000, 0.0000,
0.0000

■ 113.0660, -3.4835,
-2.6889

Harmonies

Analogous

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



42.8820, 42.4562, -37.6075



47.4340, 28.8730, 25.9294



40.7560, 13.9243, 60.7270

Triad

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



47.4340, 28.8730, 25.9294



47.6770, -23.5048, 25.7163



46.4770, 13.0758, -40.7603

Complementary

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



47.4340, 28.8730, 25.9294



79.5660, -28.8730, -25.9294

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.



40.9880, -5.4171, -35.9465



47.4340, 28.8730, 25.9294



44.5440, -21.9602, -3.1081

Square

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



47.4340, 28.8730, 25.9294



38.4280, -18.9450, 56.6296



35.8070, -17.6529, -31.4027



50.5810, 28.8006, -44.3595

Rectangle

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



47.4340, 28.8730, 25.9294



39.7710, 1.0989, 67.7298



35.8070, -17.6529, -31.4027



44.8810, 6.9607, -39.3606

Sweetspot

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



47.4340, 28.8730, 25.9294



115.0410, 11.3188, 9.6110



48.3000, 28.4461, -23.9421



55.1670, 6.8197, 5.9925



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



47.4340, 28.8730, 25.9294



47.0610, 44.8329, 40.2885



54.6230, 18.9199, 45.0576



49.8800, 2.0312, 1.8592



36.3610, 39.7550, 35.6404



76.0690, 83.2830, 74.4845

Inverse Universe

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



49.7210, 0.1375, 49.3567



50.5980, 0.1982, 76.6516



72.3770, -18.9199, -45.0576



50.0220, -0.0108, 3.4887



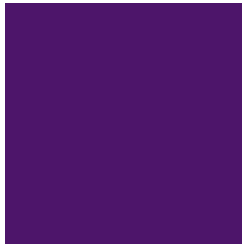
39.5430, 0.2253, 67.9298



82.8310, 0.5763, 142.2222

Previews

White Background



This preview shows how the YUV color 47.4340, 28.8730, 25.9294 looks on a white background.

Color Contrast Check

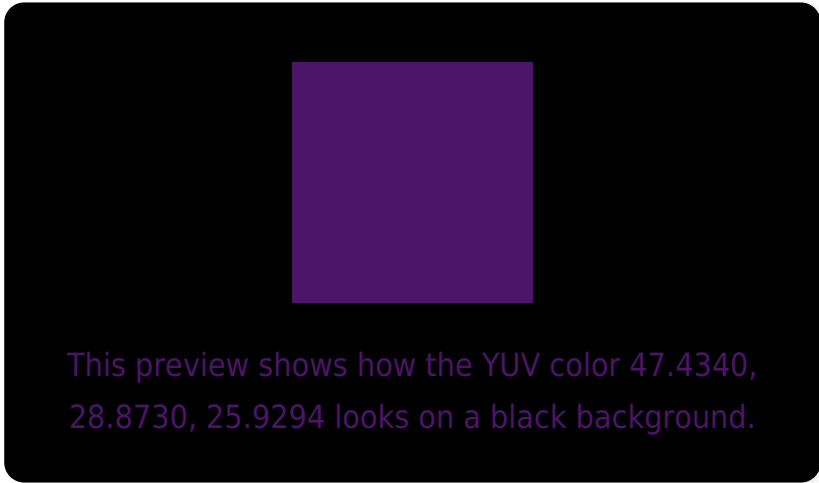
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.4340, 28.8730, 25.9294

Background



This preview shows how black text looks on a background with the YUV color 47.4340, 28.8730, 25.9294.



This preview shows how white text looks on a background with the YUV color 47.4340, 28.8730,

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

47.4340, 28.8730, 25.9294

Protanopia

40.6190, 31.2468, -35.6229

Deuteranopia

40.8980, 24.7003, -35.8675



Tritanopia

51.9200, -1.9326, 13.2252

Trichromacy



Original Color

47.4340, 28.8730, 25.9294

Protanomaly

43.2350, 30.4501, -13.3611

Deuteranomaly

43.3830, 25.9402, -13.4909

Tritanomaly

50.2270, 9.2551, 18.2179

Monochromacy



Original Color

47.4340, 28.8730, 25.9294

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.4000, 10.1558, 9.2962

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.4340, 28.8730, 25.9294 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(77, 21, 106)` looks like.

```
.text, #text, p{  
    color:rgb(77, 21, 106)  
}
```

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(77, 21, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 21, 106) }
```

Border

The CSS property to change the border of an element to YUV 47.4340, 28.8730, 25.9294 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(77, 21, 106) }
```


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

```
.border{ border-color:rgb(77, 21, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 21, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 21, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 21, 106);  
box-shadow:4px 4px 4px 4px rgb(77, 21,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 47.4340, 28.8730, 25.9294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 21, 106) }
```

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

```
.background{ background-color: rgb(77, 21,  
106) }
```

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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