

Converting Colors

YUV(77.6550, 47.0051, -3.2054)

Have a look what the booklet for
YUV(77.6550, 47.0051, -3.2054)
contains.

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Color

**YUV(77.6550, 47.0051,
-3.2054)**

Conversions

Conversions Part 1

Format	Color
Hex	4A3DAD
RGB	74, 61, 173
RGB Percent	29%, 24%, 68%
CMY	0.7098, 0.7608, 0.3216
CMYK	0.57, 0.65, 0.00, 0.32
HSL	247°, 48%, 46%
HSV	247°, 65%, 68%
XYZ	12.0356, 7.8105, 40.4084
YIQ	77.6550, -28.2040, 37.5880

Conversions

Conversions Part 2

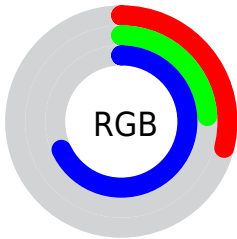
Format	Color
R _Y B	74, 61, 173
Decimal	4865453
CIE Lab	33.58, 37.35, -58.23
CIE LCh	34, 69.184, 302.677
Yxy	7.8105, 0.1997, 0.1296
Android (android.graphics.Color)	4283055533 (0xFF4A3DAD)
YUV	77.6550, 47.0051, -3.2054
Hunter-Lab	27.9472, 27.9643, -66.1634

Details

The YUV color **77.6550, 47.0051, -3.2054** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **156.3450, -47.0051, 3.2054**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.5570, 49.0254, 2.1425**, and **23.5450, 47.0593, -20.6490** is the 20% darker color. If you saturate the color by 10%, you get **63.1910, 54.1358, -3.6755**, and if you desaturate by 10%, it is **92.1190, 39.8743, -2.7354**.

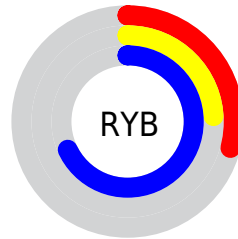
Distribution



Red (29%)

Green (24%)

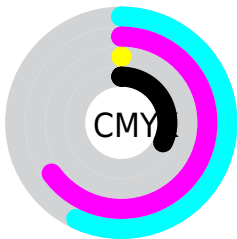
Blue (68%)



Red (29%)

Yellow (24%)

Blue (68%)

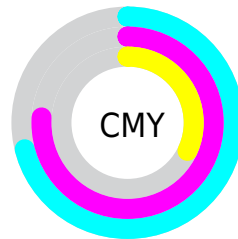


Cyan (57%)

Magenta (65%)

Yellow (0%)

Black (32%)



Cyan (71%)

Magenta (76%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.6550, 47.0051, -3.2054 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 77.6550, 47.0051, -3.2054 by changing the saturation by 10% instead.

■ 77.6550, 47.0051,
-3.2054

■ 77.6550, 47.0051,
-3.2054

■ 255.0000, 0.0000,
0.0000

■ 51.5080, 46.5846,
-8.3385

■ 129.5570, 49.0254,
2.1425

■ 23.5450, 47.0593,
-20.6490

■ 156.1550, 48.7306,
3.3721

■ 10.7160, 41.0590,
-9.3979

■ 180.0880, 36.9316,
7.8158

■ 7.8660, 30.1391,
-6.8985

■ 205.4940, 24.4065,
11.8448

■ 7.5920, 18.9351,
-6.6582

■ 230.6010, 12.0287,
15.2589

■ 3.3230, 10.1938,
-2.9143

■ 249.1300, 2.8939,

■ 0.0000, 0.0000,

5.1480

0.0000

■ 77.6550, 47.0051,
-3.2054

■ 77.6550, 47.0051,
-3.2054

■ 63.1910, 54.1358,
-3.6755

■ 92.1190, 39.8743,
-2.7354

■ 47.8410, 61.7034,
-4.2456

■ 107.4690, 32.3068,
-2.1653

■ 33.3770, 68.8341,
-4.7156

■ 121.9330, 25.1760,
-1.6952

■ 25.7020, 72.6179,
-5.0007

■ 136.3970, 18.0453,
-1.2252

■ 150.8610, 10.9145,
-0.7551

■ 166.2110, 3.3470,
-0.1850

■ 180.6750, -3.7838,
0.2850

■ 195.1390,
-10.9145, 0.7551

■ 210.4890,
-18.4821, 1.3251

Harmonies

Analogous

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



72.2560, 58.5408, -63.3685



77.6550, 47.0051, -3.2054



62.2840, 33.3840, 72.5419

Triad

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



77.6550, 47.0051, -3.2054



72.3620, -35.6745, 55.8105



68.1620, 7.3151, -59.7781

Complementary

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



77.6550, 47.0051, -3.2054



156.3450, -47.0051, 3.2054

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.



60.0340, -18.7508, -52.6498



77.6550, 47.0051, -3.2054



74.1800, -36.5707, 16.5051

Square

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



77.6550, 47.0051, -3.2054



51.3590, -13.9810, 97.9092



63.8710, -31.4884, -27.0739



75.0190, 31.0496, -65.7917

Rectangle

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



77.6550, 47.0051, -3.2054



60.1650, 17.1737, 91.9403



63.8710, -31.4884, -27.0739



65.8820, -1.4208, -57.7785

Sweetspot

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



77.6550, 47.0051, -3.2054



188.2830, 17.6085, -1.1252



133.0550, 19.6929, -63.1922



89.8610, 10.9145, -0.7551



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.



77.6550, 47.0051, -3.2054



75.2290, 73.3441, -4.5858



93.8010, 39.0451, 29.9925



79.3250, 3.7838, -0.2850



22.1830, 63.0138, -4.5455



3.5190, 9.6041, -0.4552

Inverse Universe

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



105.7740, 26.7334, 58.9572



118.9950, 41.9075, 92.0894



140.1990, -39.0451, -29.9925



81.6030, 2.1677, 4.7332



60.0120, 35.9831, 78.9195



9.1570, 5.3456, 12.1403

Previews

White Background



This preview shows how the YUV color 77.6550, 47.0051, -3.2054 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 77.6550, 47.0051, -3.2054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

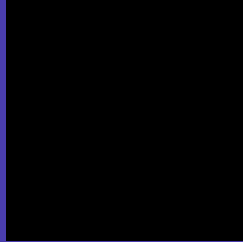
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.6550, 47.0051, -3.2054

Background



This preview shows how black text looks on a background with the YUV color 77.6550, 47.0051, -3.2054.



This preview shows how white text looks on a background with the YUV color 77.6550, 47.0051,

-3.2054.

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

77.6550, 47.0051, -3.2054

Protanopia

62.9660, 48.3308, -55.2212

Deuteranopia

63.3930, 37.2743, -55.5957



Tritanopia

72.9410, 9.3961, -27.1353

Trichromacy



Original Color

77.6550, 47.0051, -3.2054

Protanomaly

68.5600, 47.5449, -36.4481

Deuteranomaly

68.7250, 40.5616, -36.5928

Tritanomaly

74.5520, 22.8989, -18.0241

Monochromacy



Original Color

77.6550, 47.0051, -3.2054

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.1690, 17.1717, -1.0252

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.6550, 47.0051, -3.2054 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(74, 61, 173)` looks like.

```
.text, #text, p{  
    color:rgb(74, 61, 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(74, 61, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 61, 173) }
```

Border

The CSS property to change the border of an element to YUV 77.6550, 47.0051, -3.2054 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(74, 61, 173) }
```


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

```
.border{ border-color:rgb(74, 61, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 61, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 61, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 61, 173);  
box-shadow:4px 4px 4px 4px rgb(74, 61,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 77.6550, 47.0051, -3.2054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 61, 173) }
```

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

```
.background{ background-color: rgb(74, 61,  
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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