

Converting Colors

YUV(67.7690, 47.4419, -3.3054)

Have a look what the booklet for
YUV(67.7690, 47.4419, -3.3054)
contains.

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Color

**YUV(67.7690, 47.4419,
-3.3054)**

Conversions

Conversions Part 1

Format	Color
Hex	4033A4
RGB	64, 51, 164
RGB Percent	25%, 20%, 64%
CMY	0.7490, 0.8000, 0.3569
CMYK	0.61, 0.69, 0.00, 0.36
HSL	247°, 53%, 42%
HSV	247°, 69%, 64%
XYZ	9.9990, 6.1380, 35.7797
YIQ	67.7690, -28.5250, 37.8990

Conversions

Conversions Part 2

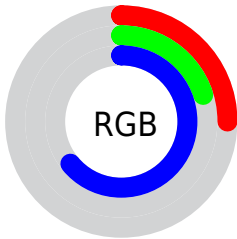
Format	Color
R _Y B	64, 51, 164
Decimal	4207524
CIE Lab	29.76, 38.80, -59.12
CIE LCh	30, 70.717, 303.278
Yxy	6.1380, 0.1926, 0.1182
Android (android.graphics.Color)	4282397604 (0xFF4033A4)
YUV	67.7690, 47.4419, -3.3054
Hunter-Lab	24.7749, 28.6854, -68.2835

Details

The YUV color $67.7690, 47.4419, -3.3054$ is a dark color, and the websafe version is hex 333399 . A complement of this color would be $147.2310, -47.4419, 3.3054$, and the grayscale version is $67.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $119.6710, 49.4622, 2.0425$, and $16.7630, 46.4588, -14.7012$ is the 20% darker color. If you saturate the color by 10%, you get $53.8920, 54.2832, -4.2903$, and if you desaturate by 10%, it is $81.6460, 40.6005, -2.3205$.

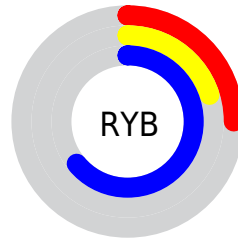
Distribution



Red (25%)

Green (20%)

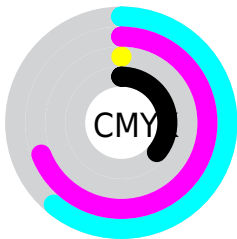
Blue (64%)



Red (25%)

Yellow (20%)

Blue (64%)

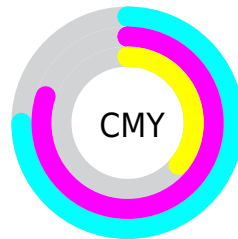


Cyan (61%)

Magenta (69%)

Yellow (0%)

Black (36%)



Cyan (75%)

Magenta (80%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.7690, 47.4419, -3.3054 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 67.7690, 47.4419, -3.3054 by changing the saturation by 10% instead.

■ 67.7690, 47.4419,
-3.3054

■ 67.7690, 47.4419,
-3.3054

■ 255.0000, 0.0000,
0.0000

■ 41.3120, 47.1742,
-10.7976

■ 119.6710, 49.4622,
2.0425

■ 16.7630, 46.4588,
-14.7012

■ 146.3230, 50.6198,
4.1017

■ 9.8040, 37.5646,
-8.5981

■ 170.9400, 41.4416,
7.9456

■ 10.4760, 24.9083,
-9.1875

■ 195.4600, 29.3532,
11.8746

■ 6.2070, 16.1669,
-5.4435

■ 220.8660, 16.8281,
15.9035

■ 2.4110, 6.6994,
-2.1144

■ 242.0860, 6.3666,

■ 0.0000, 0.0000,

11.3256

0.0000

■ 67.7690, 47.4419,
-3.3054

■ 67.7690, 47.4419,
-3.3054

■ 53.8920, 54.2832,
-4.2903

■ 81.6460, 40.6005,
-2.3205

■ 39.7270, 61.2666,
-4.1456

■ 95.8110, 33.6172,
-2.4652

■ 25.8500, 68.1080,
-5.1305

■ 109.6880, 26.7758,
-1.4804

■ 24.3770, 68.8341,
-4.7156

■ 123.8530, 19.7925,
-1.6251

■ 137.7300, 12.9511,
-0.6402

■ 151.3080, 6.2572,
-0.2701

■ 165.7720, -0.8736,
0.2000

■ 179.3500, -7.5675,
0.5701

■ 193.8140,
-14.6983, 1.0401

Harmonies

Analogous

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



66.0610, 57.6509, -57.9355



67.7690, 47.4419, -3.3054



54.7570, 32.6578, 72.1271

Triad

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



67.7690, 47.4419, -3.3054



63.4910, -31.3011, 53.0664



61.3800, 6.7147, -53.8303

Complementary

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



67.7690, 47.4419, -3.3054



147.2310, -47.4419, 3.3054

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.



53.0240, -20.2248, -46.5020



67.7690, 47.4419, -3.3054



65.3090, -32.1973, 13.7610

Square

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



67.7690, 47.4419, -3.3054



47.2290, -16.8749, 92.7612



52.3090, -25.7883, -35.3510



68.2370, 30.4492, -59.8438

Rectangle

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



67.7690, 47.4419, -3.3054



56.3340, 14.1323, 87.4071



52.3090, -25.7883, -35.3510



59.2140, -1.5845, -51.9307

Sweetspot

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



67.7690, 47.4419, -3.3054



175.6250, 18.9189, -1.4251



123.7560, 19.8403, -63.8070



83.9750, 11.3513, -0.8551



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



67.7690, 47.4419, -3.3054



62.5710, 74.6545, -4.8858



84.2140, 39.3345, 30.5073



74.3250, 3.7838, -0.2850



21.6130, 60.8298, -4.0456



2.6500, 7.5675, -0.5700

Inverse Universe

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



96.1870, 27.0228, 59.4720



107.2340, 42.7756, 93.6338



130.7860, -39.3345, -30.5073



76.6030, 2.1677, 4.7332



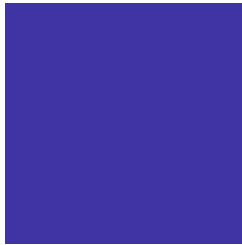
58.0610, 34.9729, 76.2455



7.2060, 4.3354, 9.4663

Previews

White Background



This preview shows how the YUV color 67.7690, 47.4419, -3.3054 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 67.7690, 47.4419, -3.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

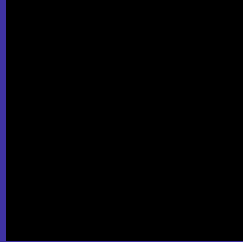
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.7690, 47.4419, -3.3054

Background



This preview shows how black text looks on a background with the YUV color 67.7690, 47.4419, -3.3054.



This preview shows how white text looks on a background with the YUV color 67.7690, 47.4419,

-3.3054.

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

67.7690, 47.4419, -3.3054

Protanopia

56.2180, 42.7835, -49.3032

Deuteranopia

56.2860, 32.8900, -49.3628



Tritanopia

61.5380, 10.5808, -33.7978

Trichromacy



Original Color

67.7690, 47.4419, -3.3054

Protanomaly

60.4850, 44.6239, -32.8743

Deuteranomaly

60.1770, 38.3667, -32.6042

Tritanomaly

64.0460, 23.6413, -22.8423

Monochromacy



Original Color

67.7690, 47.4419, -3.3054

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.1690, 17.1717, -1.0252

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.7690, 47.4419, -3.3054 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(64, 51, 164)` looks like.

```
.text, #text, p{  
    color:rgb(64, 51, 164)  
}
```

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(64, 51, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 51, 164) }
```

Border

The CSS property to change the border of an element to YUV 67.7690, 47.4419, -3.3054 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(64, 51, 164) }
```


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

```
.border{ border-color:rgb(64, 51, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 51, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 51, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 51, 164);  
box-shadow:4px 4px 4px 4px rgb(64, 51,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 67.7690, 47.4419, -3.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 51, 164) }
```

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

```
.background{ background-color: rgb(64, 51,  
164) }
```

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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