

Converting Colors

YUV(101.7690, 47.4419,
-3.3054)

Have a look what the booklet for
YUV(101.7690, 47.4419, -3.3054)
contains.

YUV(101.7690, 47.4419, -3.3054)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(101.7690, 47.4419,
-3.3054)**

Conversions

Conversions Part 1

Format	Color
Hex	6255C6
RGB	98, 85, 198
RGB Percent	38%, 33%, 78%
CMY	0.6157, 0.6667, 0.2235
CMYK	0.51, 0.57, 0.00, 0.22
HSL	247°, 50%, 55%
HSV	247°, 57%, 78%
XYZ	18.4785, 13.1709, 54.9944
YIQ	101.7690, -28.5250, 37.8990

Conversions

Conversions Part 2

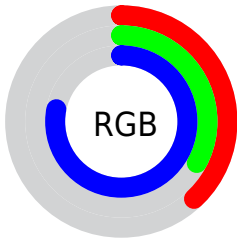
Format	Color
R_{YB}	98, 85, 198
Decimal	6444486
CIE _{Lab}	43.02, 35.26, -57.52
CIE _{LCh}	43, 67.465, 301.509
Yxy	13.1709, 0.2133, 0.1520
Android (android.graphics.Color)	4284634566 (0xFF6255C6)
YUV	101.7690, 47.4419, -3.3054
Hunter-Lab	36.2917, 27.3758, -64.4405

Details

The YUV color **101.7690, 47.4419, -3.3054** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted purple. A complement of this color would be **181.2310, -47.4419, 3.3054**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.6600, 49.4676, 0.2982**, and **49.6600, 46.0166, -12.8568** is the 20% darker color. If you saturate the color by 10%, you get **84.6470, 55.8830, -4.0754**, and if you desaturate by 10%, it is **118.8910, 39.0007, -2.5354**.

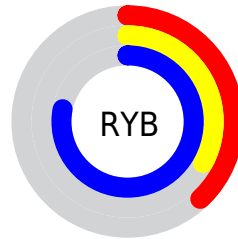
Distribution



Red (38%)

Green (33%)

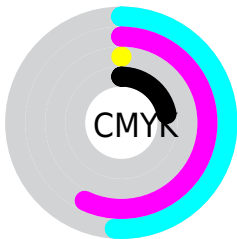
Blue (78%)



Red (38%)

Yellow (33%)

Blue (78%)

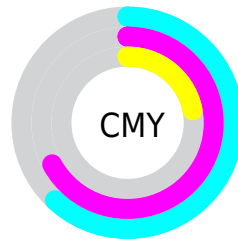


Cyan (51%)

Magenta (57%)

Yellow (0%)

Black (22%)



Cyan (62%)

Magenta (67%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.7690, 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 101.7690, 47.4419, -3.3054 by changing the saturation by 10% instead.

■ 101.7690, 47.4419,
-3.3054

■ 101.7690, 47.4419,
-3.3054

255.0000, 0.0000,
0.0000

■ 75.8180, 46.4317,
-5.9794

■ 154.6600, 49.4676,
0.2982

■ 49.6600, 46.0166,
-12.8568

■ 179.1800, 37.3793,
4.2271

■ 23.9040, 45.8963,
-20.9638

■ 203.7000, 25.2909,
8.1561

■ 10.4880, 40.1854,
-9.1980

■ 229.1060, 12.7657,
12.1850

■ 9.3990, 28.3973,
-8.2429

■ 249.1300, 2.8939,
5.1480

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 101.7690, 47.4419,
-3.3054

■ 101.7690, 47.4419,
-3.3054

■ 84.6470, 55.8830,
-4.0754

■ 118.8910, 39.0007,
-2.5354

■ 67.8240, 64.1768,
-4.2306

■ 135.7140, 30.7070,
-2.3802

■ 51.2890, 72.3285,
-5.5155

■ 152.2490, 22.5552,
-1.0954

■ 34.4660, 80.6223,
-5.6707

■ 169.0720, 14.2615,
-0.9401

■ 29.4490, 83.0956,
-5.6558

■ 186.1940, 5.8204,
-0.1701

■ 203.0170, -2.4734,
-0.0149

■ 220.1390,
-10.9145, 0.7551

■ 236.3750,
-18.9189, 1.4251

■ 248.5020,
-24.8975, 5.6987

Harmonies

Analogous

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



87.9060, 62.6573, -77.0936



101.7690, 47.4419, -3.3054



98.2520, 28.4698, 62.0460

Triad

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



101.7690, 47.4419, -3.3054



94.2350, -46.4579, 61.1839



85.1170, 8.8163, -74.6476

Complementary

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



101.7690, 47.4419, -3.3054



181.2310, -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.



76.6300, -16.0866, -67.2045



101.7690, 47.4419, -3.3054



94.8790, -46.7753, 22.9081

Square

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



101.7690, 47.4419, -3.3054



88.5940, -20.5058, 90.6871



86.6410, -42.7140, -19.8562



91.5010, 33.2770, -80.2464

Rectangle

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



101.7690, 47.4419, -3.3054



86.6380, 16.4475, 91.5255



86.6410, -42.7140, -19.8562



82.2500, 0.3698, -72.1333

Sweetspot

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



101.7690, 47.4419, -3.3054



218.3970, 18.0453, -1.2252



157.7560, 19.8403, -63.8070



105.8610, 10.9145, -0.7551



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



101.7690, 47.4419, -3.3054



107.7020, 72.6179, -5.0007



118.2140, 39.3345, 30.5073



91.3250, 3.7838, -0.2850



24.2630, 68.3973, -4.6157



5.3000, 15.1351, -1.1401

Inverse Universe

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



130.1870, 27.0228, 59.4720



151.1690, 41.3287, 91.0598



164.7860, -39.3345, -30.5073



93.6030, 2.1677, 4.7332



65.1530, 38.8716, 85.8118



14.4120, 8.6709, 18.9327

Previews

White Background



This preview shows how the YUV color 101.7690, 47.4419, -3.3054 looks on a white background.

Color Contrast Check

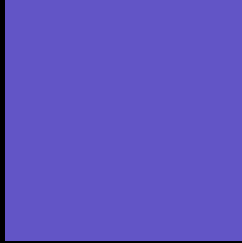
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 101.7690, 47.4419, -3.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

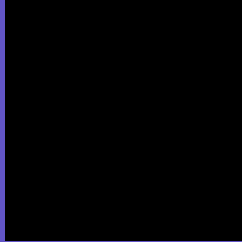
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.7690, 47.4419, -3.3054

Background



This preview shows how black text looks on a background with the YUV color 101.7690, 47.4419, -3.3054.



This preview shows how white text looks on a background with the YUV color 101.7690, 47.4419, -3.3054.

-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

101.7690, 47.4419, -3.3054

Protanopia

81.2380, 62.4937, -71.2457

Deuteranopia

81.6820, 48.9638, -71.6351



Tritanopia

97.8600, 8.9430, -21.8022

Trichromacy



Original Color

101.7690, 47.4419, -3.3054

Protanomaly

88.6110, 56.8868, -46.1398

Deuteranomaly

89.0210, 48.3036, -46.4994

Tritanomaly

99.2750, 23.0354, -15.1502

Monochromacy



Original Color

101.7690, 47.4419, -3.3054

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.1690, 17.1717, -1.0252

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.7690, 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(98, 85, 198)` looks like.

```
.text, #text, p{  
    color:rgb(98, 85, 198)  
}
```

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(98, 85, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 85, 198) }
```

Border

The CSS property to change the border of an element to YUV 101.7690, 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(98, 85, 198) }
```


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

```
.border{ border-color:rgb(98, 85, 198) }
```

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

Here you see how a box with a 4 pixel rgb(98, 85, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 85, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 85, 198);  
box-shadow:4px 4px 4px 4px rgb(98, 85,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 101.7690, 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(98, 85, 198) }
```

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

```
.background{ background-color: rgb(98, 85,  
198) }
```

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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