

Converting Colors

YUV(49.7050, 54.8684, 41.4777)

Have a look what the booklet for
YUV(49.7050, 54.8684, 41.4777)
contains.

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Color

**YUV(49.7050, 54.8684,
41.4777)**

Conversions

Conversions Part 1

Format	Color
Hex	6104A1
RGB	97, 4, 161
RGB Percent	38%, 2%, 63%
CMY	0.6196, 0.9843, 0.3686
CMYK	0.40, 0.98, 0.00, 0.37
HSL	276°, 95%, 32%
HSV	276°, 98%, 63%
XYZ	11.4062, 5.2014, 34.1210
YIQ	49.7050, 5.0310, 68.5430

Conversions

Conversions Part 2

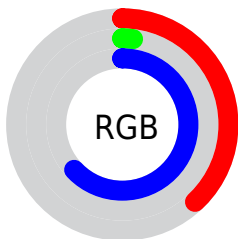
Format	Color
RYB	97, 4, 161
Decimal	6358177
CIELab	27.30, 59.98, -61.19
CIElCh	27, 85.686, 314.429
Yxy	5.2014, 0.2248, 0.1025
Android (android.graphics.Color)	4284548257 (0xFF6104A1)
YUV	49.7050, 54.8684, 41.4777
Hunter-Lab	22.8066, 49.3609, -72.7391

Details

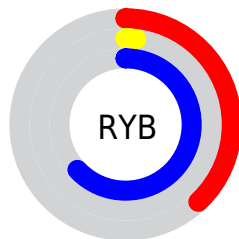
The YUV color **49.7050, 54.8684, 41.4777** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **115.2950, -54.8684, -41.4777**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.8740, 51.8271, 36.9445**, and **23.3750, 41.7201, 11.9491** is the 20% darker color. If you saturate the color by 10%, you get **46.7590, 56.3208, 42.3074**, and if you desaturate by 10%, it is **61.1900, 49.2063, 37.5444**.

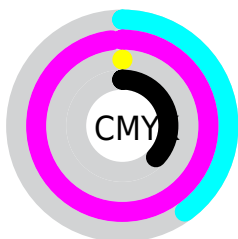
Distribution



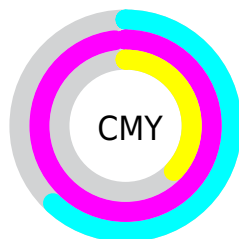
- Red (38%)
- Green (2%)
- Blue (63%)



- Red (38%)
- Yellow (2%)
- Blue (63%)



- Cyan (40%)
- Magenta (98%)
- Yellow (0%)
- Black (37%)



- Cyan (62%)
- Magenta (98%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.7050, 54.8684, 41.4777 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 49.7050, 54.8684, 41.4777 by changing the saturation by 10% instead.

49.7050, 54.8684,
41.4777

49.7050, 54.8684,
41.4777

255.0000, 0.0000,
0.0000

35.6080, 48.5073,
28.4078

111.8740, 51.8271,
36.9445

23.3750, 41.7201,
11.9491

139.7000, 52.4059,
37.9741

9.4620, 36.2542,
-8.2982

165.2460, 44.2487,
41.0033

7.3130, 25.4817,
-6.4135

190.0650, 32.0130,
45.5470

5.2780, 15.1459,
-4.6288

210.3880, 21.9937,
39.1247


1.3680, 5.2416,
-1.1997


227.4110, 13.6014,


0.0000, 0.0000,


24.1956


0.0000


 244.4340, 5.2090,
9.2664


 49.7050, 54.8684,
41.4777


 49.7050, 54.8684,
41.4777


 46.7590, 56.3208,
42.3074

 61.1900, 49.2063,
37.5444

 72.3760, 43.6916,
32.9962

 83.8610, 38.0295,
29.0629

 95.0470, 32.5148,
24.5148

 106.5320, 26.8527,
20.5814

■ 118.3050, 21.0486,
15.5185

■ 129.7900, 15.3865,
11.5852

■ 141.2750, 9.7244,
7.6518

■ 152.4610, 4.2097,
3.1037

Harmonies

Analogous

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



60.6130, 67.2388, -53.1576



49.7050, 54.8684, 41.4777



58.5710, 21.4105, 86.3222

Triad

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



49.7050, 54.8684, 41.4777



60.1690, -29.6633, 41.0708



62.0130, 16.7556, -54.3854

Complementary

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



49.7050, 54.8684, 41.4777



115.2950, -54.8684, -41.4777

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.



52.7450, -13.6783, -46.2574



49.7050, 54.8684, 41.4777



57.2140, -28.2065, -6.3267

Square

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



49.7050, 54.8684, 41.4777



44.2520, -21.8162, 90.9870



47.5470, -23.4407, -41.6987



69.6680, 43.5477, -61.0988

Rectangle

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



49.7050, 54.8684, 41.4777



57.2570, 0.8593, 97.9986



47.5470, -23.4407, -41.6987



58.8040, 6.9986, -51.5711

Sweetspot

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



49.7050, 54.8684, 41.4777



165.7180, 21.3380, 16.0333



60.0530, 49.7669, -49.1585



78.7960, 12.9186, 9.8259



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



49.7050, 54.8684, 41.4777



60.9020, 73.0123, 55.3369



67.3590, 39.7560, 82.1232



75.5210, 3.1941, 2.1741



42.2440, 50.6587, 38.3740



5.3410, 6.2409, 4.9629

Inverse Universe

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



58.2390, 4.8122, 90.1214



72.1810, 6.3198, 119.9903



97.6410, -39.7560, -82.1232



76.1470, 0.4205, 5.1331



50.0810, 4.3971, 83.2440



6.1800, 0.4043, 10.3661

Previews

White Background



This preview shows how the YUV color 49.7050, 54.8684, 41.4777 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 49.7050, 54.8684, 41.4777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

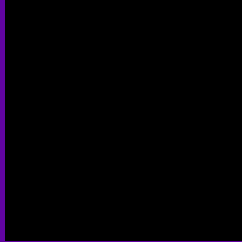
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.7050, 54.8684, 41.4777

Background



This preview shows how black text looks on a background with the YUV color 49.7050, 54.8684, 41.4777.



This preview shows how white text looks on a background with the YUV color 49.7050, 54.8684,

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

49.7050, 54.8684, 41.4777

Protanopia

53.6590, 40.5941, -47.0589

Deuteranopia

53.8410, 31.1374, -47.2186



Tritanopia

67.7560, 0.1203, 8.1070

Trichromacy



Original Color

49.7050, 54.8684, 41.4777

Protanomaly

52.2360, 45.7327, -15.1160

Deuteranomaly

52.0420, 39.9123, -14.9458

Tritanomaly

61.3980, 20.0168, 19.8220

Monochromacy



Original Color

49.7050, 54.8684, 41.4777

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.6640, 19.8856, 15.2037

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.7050, 54.8684, 41.4777 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(97, 4, 161)` looks like.

```
.text, #text, p{  
    color:rgb(97, 4, 161)  
}
```

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(97, 4, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 4, 161) }
```

Border

The CSS property to change the border of an element to YUV 49.7050, 54.8684, 41.4777 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(97, 4, 161) }
```


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

```
.border{ border-color:rgb(97, 4, 161) }
```

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

Here you see how a box with a 4 pixel rgb(97, 4, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 4, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 4, 161);  
box-shadow:4px 4px 4px 4px rgb(97, 4, 161)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.7050, 54.8684, 41.4777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 4, 161) }
```

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

```
.background{ background-color: rgb(97, 4,  
161) }
```

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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