

Converting Colors

YUV(33.3770, 5.2371, 47.0274)

Have a look what the booklet for
YUV(33.3770, 5.2371, 47.0274)
contains.

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Color

**YUV(33.3770, 5.2371,
47.0274)**

Conversions

Conversions Part 1

Format	Color
Hex	57042C
RGB	87, 4, 44
RGB Percent	34%, 2%, 17%
CMY	0.6588, 0.9843, 0.8275
CMYK	0.00, 0.95, 0.49, 0.66
HSL	331°, 91%, 18%
HSV	331°, 95%, 34%
XYZ	4.4285, 2.2949, 2.5924
YIQ	33.3770, 36.6280, 30.0360

Conversions

Conversions Part 2

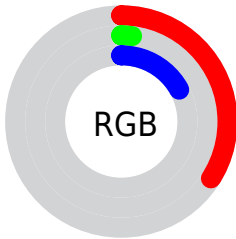
Format	Color
R_{YB}	87, 4, 44
Decimal	5702700
CIE _{Lab}	16.96, 37.83, -0.70
CIE _{LCh}	17, 37.837, 358.938
Yxy	2.2949, 0.4754, 0.2463
Android (android.graphics.Color)	4283892780 (0xFF57042C)
YUV	33.3770, 5.2371, 47.0274
Hunter-Lab	15.1490, 25.6704, 0.4581

Details

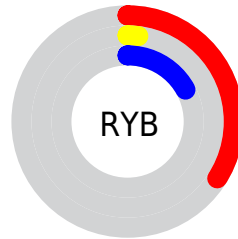
The YUV color **33.3770, 5.2371, 47.0274** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **57.6230, -5.2371, -47.0274**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.9380, 1.0166, 47.4124**, and **11.4760, -5.1647, 23.2615** is the 20% darker color. If you saturate the color by 10%, you get **30.8010, 5.5211, 49.2865**, and if you desaturate by 10%, it is **39.2300, 4.8166, 41.8943**.

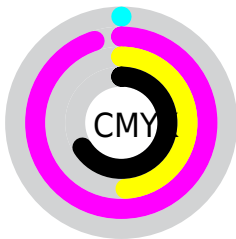
Distribution



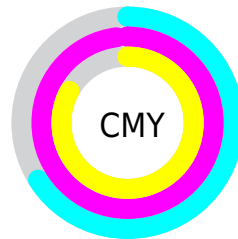
- Red (34%)
- Green (2%)
- Blue (17%)



- Red (34%)
- Yellow (2%)
- Blue (17%)



- Cyan (0%)
- Magenta (95%)
- Yellow (49%)
- Black (66%)



- Cyan (66%)
- Magenta (98%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.3770, 5.2371, 47.0274 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 33.3770, 5.2371, 47.0274 by changing the saturation by 10% instead.

33.3770, 5.2371,
47.0274

33.3770, 5.2371,
47.0274

250.8910, 2.0257,
3.6036

20.9750, 1.4913,
35.1019

86.9380, 1.0166,
47.4124

11.4760, -5.1647,
23.2615

112.8350, 0.5743,
49.2567

0.0000, 0.0000,
0.0000


139.3190, -0.1573,
50.5862

166.3300, -0.1627,
52.3306

193.9280, -0.4575,
53.5601


213.4420, 3.2331,

36.4464

 233.1840, 7.7973,
19.1326


 33.3770, 5.2371,
47.0274

 33.3770, 5.2371,
47.0274


 30.8010, 5.5211,
49.2865

 39.2300, 4.8166,
41.8943

 44.3820, 4.2487,
37.3760

 50.2350, 3.8281,
32.2429

 55.9740, 2.9708,
27.2098

 61.2400, 2.8397,
22.5915

■ 66.9790, 1.9824,
17.5584

■ 72.8320, 1.5618,
12.4253

■ 78.5710, 0.7045,
7.3922

■ 83.8370, 0.5734,
2.7740

Harmonies

Analogous

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



40.6610, 14.4641, 27.4843



33.3770, 5.2371, 47.0274



34.6960, -8.7241, 44.9936

Triad

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



33.3770, 5.2371, 47.0274



36.5480, -18.0182, -7.4966



39.9690, 23.6793, -35.0528

Complementary

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



33.3770, 5.2371, 47.0274



57.6230, -5.2371, -47.0274

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.



38.7490, 13.9277, -33.9829



33.3770, 5.2371, 47.0274



31.0770, -10.3910, -27.2545

Square

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



33.3770, 5.2371, 47.0274



39.6260, -19.5356, 12.6060



35.6710, 2.1342, -31.2835



38.0600, 29.0574, -33.3786

Rectangle

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



33.3770, 5.2371, 47.0274



37.1220, -18.3011, 36.7270



35.6710, 2.1342, -31.2835



39.9860, 21.2059, -35.0677

Sweetspot

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



33.3770, 5.2371, 47.0274



91.2780, 1.8349, 18.1732



26.3190, 29.9157, 18.1372



43.1200, 1.4198, 11.2958



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



33.3770, 5.2371, 47.0274



39.6440, 7.0775, 63.4562



29.4040, -12.5242, 50.5117



40.4240, 0.2840, 2.2592



37.9210, 6.9409, 60.5823



83.1470, 14.7175, 133.1751

Inverse Universe

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



33.3770, 5.2371, 47.0274



39.6440, 7.0775, 63.4562



61.5960, 12.5242, -50.5117



40.4240, 0.2840, 2.2592



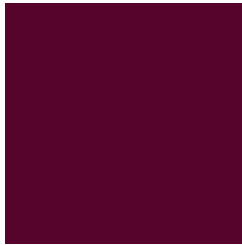
37.9210, 6.9409, 60.5823



83.1470, 14.7175, 133.1751

Previews

White Background



This preview shows how the YUV color 33.3770, 5.2371, 47.0274 looks on a white background.

Color Contrast Check

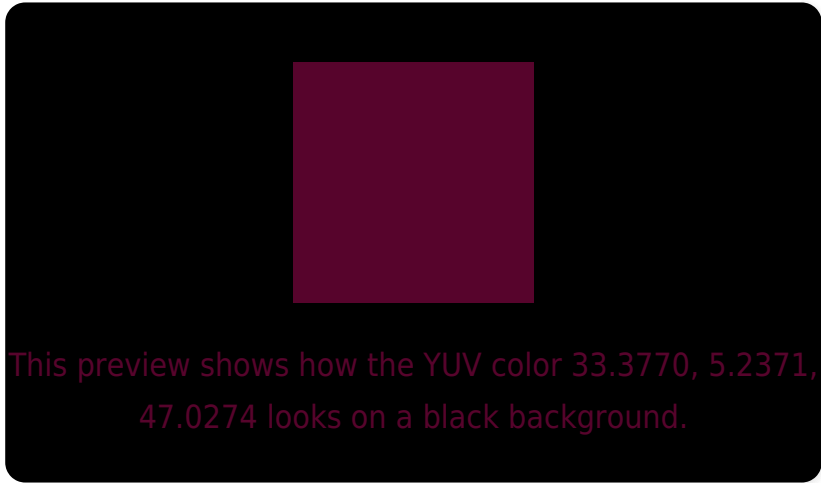
Large Text (above 18pt) WCAG AA ✓ Pass

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

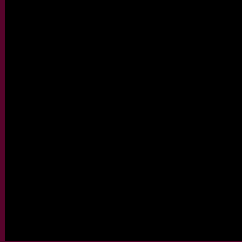
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.3770, 5.2371, 47.0274

Background



This preview shows how black text looks on a background with the YUV color 33.3770, 5.2371, 47.0274.



This preview shows how white text looks on a background with the YUV color 33.3770, 5.2371,

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

33.3770, 5.2371, 47.0274

Protanopia

45.5570, 8.5994, -4.8735

Deuteranopia

45.9360, -2.9264, 5.3181



Tritanopia

38.3320, -10.0237, 41.8048

Trichromacy



Original Color

33.3770, 5.2371, 47.0274

Protanomaly

41.0370, 7.3768, 13.9996

Deuteranomaly

41.1320, -0.0651, 20.9322

Tritanomaly

36.4230, -4.6455, 43.4790

Monochromacy



Original Color

33.3770, 5.2371, 47.0274

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.9790, 1.9824, 17.5584

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.3770, 5.2371, 47.0274 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(87, 4, 44)` looks like.

```
.text, #text, p{  
    color:rgb(87, 4, 44)  
}
```

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(87, 4, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 4, 44) }
```

Border

The CSS property to change the border of an element to YUV 33.3770, 5.2371, 47.0274 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(87, 4, 44) }
```


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

```
.border{ border-color:rgb(87, 4, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 4, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 4, 44); -webkit-box-shadow:4px  
4px 4px 4px rgb(87, 4, 44); box-shadow:4px  
4px 4px 4px rgb(87, 4, 44) }
```

Background

The CSS property to change the background color of an element to YUV 33.3770, 5.2371, 47.0274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 4, 44) }
```

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

```
.background{ background-color: rgb(87, 4,  
44) }
```

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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