

Converting Colors

YUV(44.9770, 4.9413, 1.7742)

Have a look what the booklet for
YUV(44.9770, 4.9413, 1.7742)
contains.

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Color

**YUV(44.9770, 4.9413,
1.7742)**

Conversions

Conversions Part 1

Format	Color
Hex	2F2A37
RGB	47, 42, 55
RGB Percent	18%, 16%, 22%
CMY	0.8157, 0.8353, 0.7843
CMYK	0.15, 0.24, 0.00, 0.78
HSL	263°, 13%, 19%
HSV	263°, 24%, 22%
XYZ	2.6898, 2.5361, 3.9622
YIQ	44.9770, -1.1930, 5.1030

Conversions

Conversions Part 2

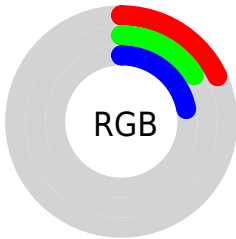
Format	Color
R_{YB}	47, 42, 55
Decimal	3090999
CIE Lab	18.08, 5.47, -7.52
CIE LCh	18, 9.294, 306.043
Yxy	2.5361, 0.2928, 0.2760
Android (android.graphics.Color)	4281281079 (0xFF2F2A37)
YUV	44.9770, 4.9413, 1.7742
Hunter-Lab	15.9251, 2.2806, -3.6038

Details

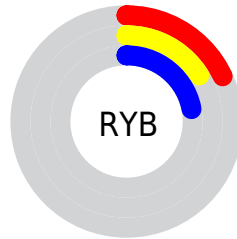
The YUV color **44.9770, 4.9413, 1.7742** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **52.0230, -4.9413, -1.7742**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.5040, 5.6675, 2.1890**, and **1.1400, 4.3680, -0.9998** is the 20% darker color. If you saturate the color by 10%, you get **41.1450, 6.8305, 2.5038**, and if you desaturate by 10%, it is **48.8090, 3.0522, 1.0445**.

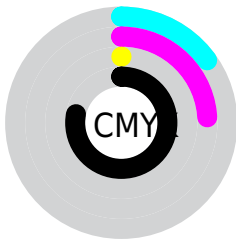
Distribution



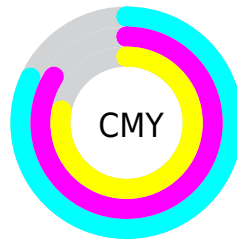
- Red (18%)
- Green (16%)
- Blue (22%)



- Red (18%)
- Yellow (16%)
- Blue (22%)



- Cyan (15%)
- Magenta (24%)
- Yellow (0%)
- Black (78%)



- Cyan (82%)
- Magenta (84%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.9770, 4.9413, 1.7742 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 44.9770, 4.9413, 1.7742 by changing the saturation by 10% instead.

■ 44.9770, 4.9413,
1.7742

■ 44.9770, 4.9413,
1.7742

■ 255.0000, 0.0000,
0.0000

■ 24.5640, 4.6519,
1.2594

■ 90.5040, 5.6675,
2.1890

■ 1.1400, 4.3680,
-0.9998

■ 115.5040, 5.6675,
2.1890

■ 0.0000, 0.0000,
0.0000

■ 140.6180, 6.1043,
2.0890

■ 166.9170, 5.9569,
2.7038

■ 194.0310, 6.3937,
2.6038

■ 222.0310, 6.3937,

2.6038

250.0050, 2.4625,
3.5036

44.9770, 4.9413,
1.7742

44.9770, 4.9413,
1.7742

41.1450, 6.8305,
2.5038

48.8090, 3.0522,
1.0445

36.4270, 9.1565,
3.1335

53.5270, 0.7262,
0.4148

32.5950, 11.0457,
3.8632

57.9460, -1.4524,
-0.8296

27.8770, 13.3716,
4.4929

62.0770, -3.4890,
-0.9445

23.4580, 15.5502,
5.7373

66.4960, -5.6675,
-2.1890

■ 19.6260, 17.4394,
6.4670

■ 70.3280, -7.5567,
-2.9187

■ 14.9080, 19.7654,
7.0967

■ 75.0460, -9.8827,
-3.5483

■ 12.5490, 20.9283,
7.4115

■ 78.8780, -11.7719,
-4.2780

■ 83.2970, -13.9504,
-5.5225

Harmonies

Analogous

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



43.6880, 6.5628, -4.9884



44.9770, 4.9413, 1.7742



45.3260, 2.3043, 7.6071

Triad

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



44.9770, 4.9413, 1.7742



44.4480, -6.1369, 8.3771



41.3790, 1.7852, -12.6104

Complementary

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



44.9770, 4.9413, 1.7742



52.0230, -4.9413, -1.7742

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.



41.9020, -1.4307, -7.8071



44.9770, 4.9413, 1.7742



43.7140, -6.2680, 3.7588

Square

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



44.9770, 4.9413, 1.7742



44.7410, -3.8163, 10.7511



42.7240, -4.7939, -2.3889



41.5790, 5.1376, -14.5398

Rectangle

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



44.9770, 4.9413, 1.7742



45.0660, -0.0325, 10.4661



42.7240, -4.7939, -2.3889



41.4500, 0.7641, -11.7957

Sweetspot

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



44.9770, 4.9413, 1.7742



67.1680, 1.8892, 0.7297



48.1780, 3.3632, -5.4181



33.6410, 1.1630, 0.3148



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



44.9770, 4.9413, 1.7742



55.6720, 7.5567, 2.9187



46.7710, 4.0569, 5.4628



25.6410, 1.1630, 0.3148



20.9530, 35.0262, 12.3192



50.0820, 83.2766, 29.7461

Inverse Universe

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



46.7990, 1.5781, 7.1923



58.4620, 2.7302, 10.9958



50.2290, -4.0569, -5.4628



26.1250, 0.4314, 1.6444



33.8920, 10.8992, 50.9607



80.8710, 26.6856, 121.1391

Previews

White Background



This preview shows how the YUV color 44.9770, 4.9413, 1.7742 looks on a white background.

Color Contrast Check

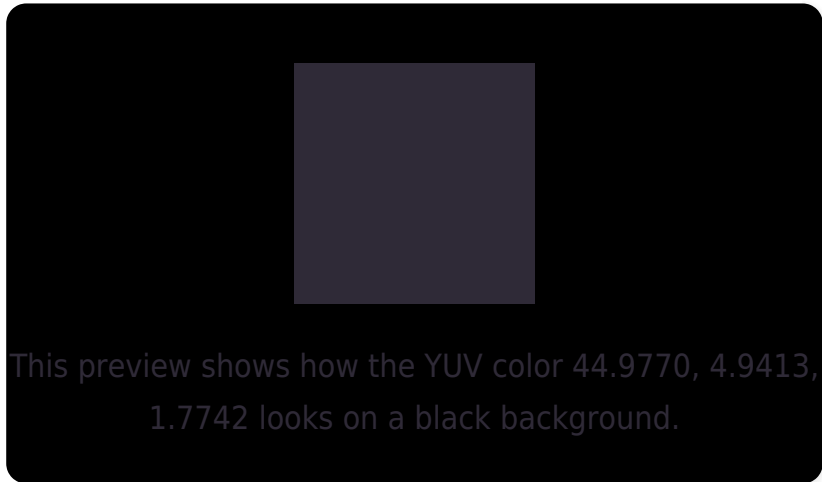
Large Text (above 18pt) WCAG AA ✓ Pass

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

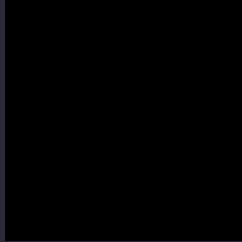
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.9770, 4.9413, 1.7742

Background



This preview shows how black text looks on a background with the YUV color 44.9770, 4.9413, 1.7742.



This preview shows how white text looks on a background with the YUV color 44.9770, 4.9413,

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

44.9770, 4.9413, 1.7742

Protanopia

44.4710, 5.6838, -3.0441

Deuteranopia

44.3680, 5.2416, -1.1997



Tritanopia

44.3530, 1.3050, 1.4444

Trichromacy



Original Color

44.9770, 4.9413, 1.7742

Protanomaly

44.4820, 5.6784, -1.2997

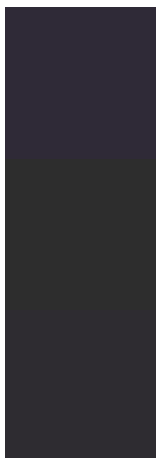
Deuteranomaly

44.6670, 5.0942, -0.5850

Tritanomaly

44.6950, 2.6154, 1.1445

Monochromacy



Original Color

44.9770, 4.9413, 1.7742

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.1680, 1.8892, 0.7297

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.9770, 4.9413, 1.7742 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(47, 42, 55)` looks like.

```
.text, #text, p{  
  color:rgb(47, 42, 55)  
}
```

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(47, 42, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 42, 55) }
```

Border

The CSS property to change the border of an element to YUV 44.9770, 4.9413, 1.7742 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(47, 42, 55) }
```


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

```
.border{ border-color:rgb(47, 42, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 42, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 42, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 42, 55);  
box-shadow:4px 4px 4px 4px rgb(47, 42, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.9770, 4.9413, 1.7742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 42, 55) }
```

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

```
.background{ background-color: rgb(47, 42,  
55) }
```

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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