

Converting Colors

YUV(42.7730, 21.3109, 24.7551)

Have a look what the booklet for
YUV(42.7730, 21.3109, 24.7551)
contains.

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Color

**YUV(42.7730, 21.3109,
24.7551)**

Conversions

Conversions Part 1

Format	Color
Hex	471456
RGB	71, 20, 86
RGB Percent	28%, 8%, 34%
CMY	0.7216, 0.9216, 0.6627
CMYK	0.17, 0.77, 0.00, 0.66
HSL	286°, 62%, 21%
HSV	286°, 77%, 34%
XYZ	4.5284, 2.5118, 9.0502
YIQ	42.7730, 9.2100, 31.3380

Conversions

Conversions Part 2

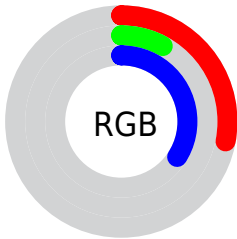
Format	Color
R_{YB}	71, 20, 86
Decimal	4658262
CIE _{Lab}	17.97, 34.83, -28.71
CIE _{LCh}	18, 45.139, 320.502
Yxy	2.5118, 0.2814, 0.1561
Android (android.graphics.Color)	4282848342 (0xFF471456)
YUV	42.7730, 21.3109, 24.7551
Hunter-Lab	15.8486, 23.2674, -22.7631

Details

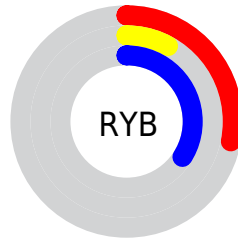
The YUV color **42.7730, 21.3109, 24.7551** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **63.2270, -21.3109, -24.7551**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.8980, 21.7423, 26.3995**, and **12.6330, 13.4919, 12.5999** is the 20% darker color. If you saturate the color by 10%, you get **36.8920, 24.2102, 28.1587**, and if you desaturate by 10%, it is **48.6540, 18.4116, 21.3514**.

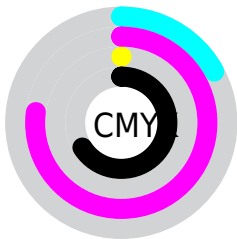
Distribution



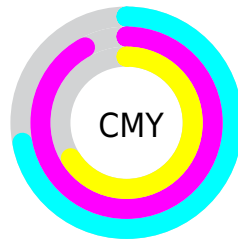
- Red (28%)
- Green (8%)
- Blue (34%)



- Red (28%)
- Yellow (8%)
- Blue (34%)



- Cyan (17%)
- Magenta (77%)
- Yellow (0%)
- Black (66%)



- Cyan (72%)
- Magenta (92%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.7730, 21.3109, 24.7551 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 42.7730, 21.3109, 24.7551 by changing the saturation by 10% instead.

■ 42.7730, 21.3109,
24.7551

■ 42.7730, 21.3109,
24.7551

■ 255.0000, 0.0000,
0.0000

■ 21.1210, 20.1533,
22.6959

■ 91.8980, 21.7423,
26.3995

■ 12.6330, 13.4919,
12.5999

■ 117.4250, 22.4685,
26.8143

■ 2.6390, 7.5730,
-2.3144

■ 143.5500, 22.8999,
28.4587

■ 0.0000, 0.0000,
0.0000

■ 170.3760, 23.4786,
29.4882

■ 197.7890, 23.7680,
30.0030

■ 222.1280, 16.2059,

28.8287

238.5640, 8.1029,
14.4144

42.7730, 21.3109,
24.7551

42.7730, 21.3109,
24.7551

36.8920, 24.2102,
28.1587

48.6540, 18.4116,
21.3514

31.5980, 26.8202,
31.0476

53.9480, 15.8016,
18.4626

29.5380, 27.8358,
31.9772

59.8290, 12.9023,
15.0590

65.1230, 10.2924,
12.1701

71.0040, 7.3930,
8.7665

■ 76.8850, 4.4937,
5.3629

■ 82.1790, 1.8838,
2.4740

■ 88.0600, -1.0156,
-0.9296

■ 93.3540, -3.6255,
-3.8185

Harmonies

Analogous

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



35.5640, 34.7249, -31.1896



42.7730, 21.3109, 24.7551



34.7890, 10.4570, 52.8050

Triad

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



42.7730, 21.3109, 24.7551



42.0290, -20.7203, 19.2686



40.9830, 12.3334, -35.9421

Complementary

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



42.7730, 21.3109, 24.7551



63.2270, -21.3109, -24.7551

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.



36.5200, -2.2284, -32.0280



42.7730, 21.3109, 24.7551



38.9290, -19.1920, -4.3227

Square

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



42.7730, 21.3109, 24.7551



38.0410, -18.7542, 42.0600



31.6980, -15.6271, -27.7991



43.5880, 24.8531, -38.2267

Rectangle

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



42.7730, 21.3109, 24.7551



33.4770, 0.2578, 57.4637



31.6980, -15.6271, -27.7991



39.7290, 7.5286, -34.8423

Sweetspot

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



42.7730, 21.3109, 24.7551



94.9440, 8.4086, 9.6961



36.3290, 24.4878, -14.3205



45.7110, 5.0725, 6.3925



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.



42.7730, 21.3109, 24.7551



44.6620, 33.1976, 38.8844



45.2060, 11.2374, 35.7763



40.3530, 1.3050, 1.4444



37.0150, 34.5026, 40.3288



80.9090, 75.9669, 87.7798

Inverse Universe

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



41.4440, -3.1769, 39.0756



42.4190, -5.1366, 61.0225



60.7940, -11.2374, -35.7763



40.3100, -0.1528, 2.3591



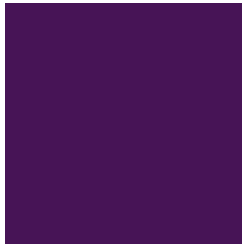
34.7290, -5.2894, 63.3817



76.3070, -11.4904, 139.1738

Previews

White Background



This preview shows how the YUV color 42.7730, 21.3109, 24.7551 looks on a white background.

Color Contrast Check

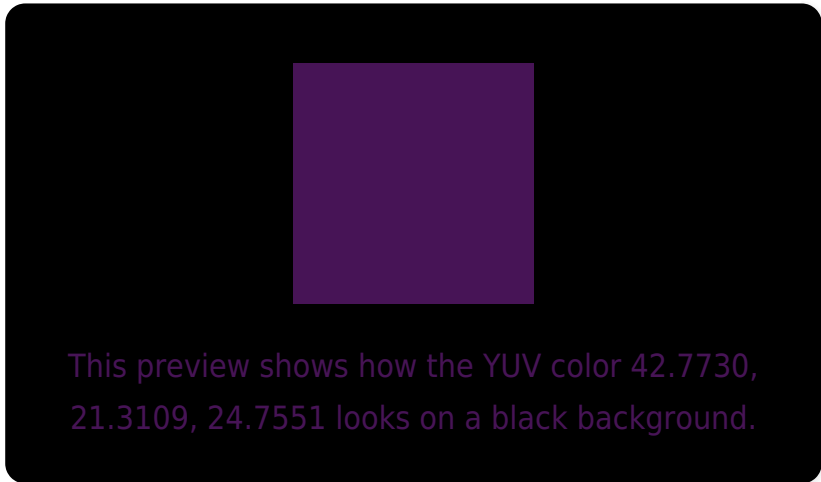
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.7730, 21.3109, 24.7551 Background



This preview shows how black text looks on a background with the YUV color 42.7730, 21.3109, 24.7551.



This preview shows how white text looks on a background with the YUV color 42.7730, 21.3109,

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

42.7730, 21.3109, 24.7551

Deuteranopia

38.7420, 21.3262, -26.9607

Tritanopia

46.3010, -3.1064, 16.3990

Trichromacy



Original Color

42.7730, 21.3109, 24.7551

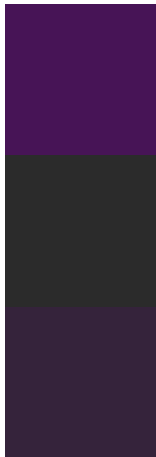
Deuteranomaly

40.4500, 20.9771, -8.2877

Tritanomaly

44.7280, 6.0501, 19.5325

Monochromacy



Original Color

42.7730, 21.3109, 24.7551

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.1180, 7.8298, 8.6665

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.7730, 21.3109, 24.7551 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(71, 20, 86)` looks like.

```
.text, #text, p{  
    color:rgb(71, 20, 86)  
}
```

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(71, 20, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 20, 86) }
```

Border

The CSS property to change the border of an element to YUV 42.7730, 21.3109, 24.7551 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(71, 20, 86) }
```

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

```
.border{ border-color:rgb(71, 20, 86) }
```

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

Here you see how a box with a 4 pixel rgb(71, 20, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 20, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 20, 86);  
box-shadow:4px 4px 4px 4px rgb(71, 20, 86)  
}
```


Background

The CSS property to change the background color of an element to YUV 42.7730, 21.3109, 24.7551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 20, 86) }
```

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

```
.background{ background-color: rgb(71, 20,  
86) }
```

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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