

Converting Colors

YUV(44.2770, -9.9966, 33.0831)

Have a look what the booklet for
YUV(44.2770, -9.9966, 33.0831)
contains.

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Color

**YUV(44.2770, -9.9966,
33.0831)**

Conversions

Conversions Part 1

Format	Color
Hex	521D18
RGB	82, 29, 24
RGB Percent	32%, 11%, 9%
CMY	0.6784, 0.8863, 0.9059
CMYK	0.00, 0.65, 0.71, 0.68
HSL	5°, 55%, 21%
HSV	5°, 71%, 32%
XYZ	4.0839, 2.7385, 1.1775
YIQ	44.2770, 33.1930, 9.6810

Conversions

Conversions Part 2

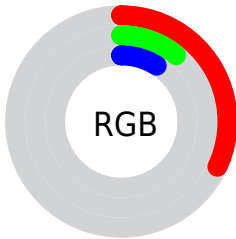
Format	Color
RYB	82, 29, 24
Decimal	5381400
CIELab	18.96, 24.42, 16.06
CIElCh	19, 29.222, 33.330
Yxy	2.7385, 0.5105, 0.3423
Android (android.graphics.Color)	4283571480 (0xFF521D18)
YUV	44.2770, -9.9966, 33.0831
Hunter-Lab	16.5485, 15.0913, 7.3652

Details

The YUV color **44.2770, -9.9966, 33.0831** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **61.7230, 9.9966, -33.0831**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.0280, -12.3388, 37.6864**, and **10.2800, -4.5750, 20.8024** is the 20% darker color. If you saturate the color by 10%, you get **39.2560, -11.4652, 37.4865**, and if you desaturate by 10%, it is **49.2980, -8.5279, 28.6797**.

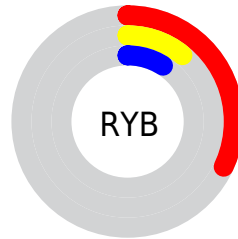
Distribution



Red (32%)

Green (11%)

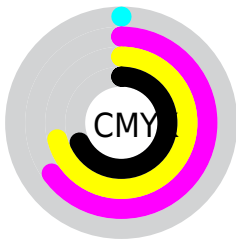
Blue (9%)



Red (32%)

Yellow (11%)

Blue (9%)

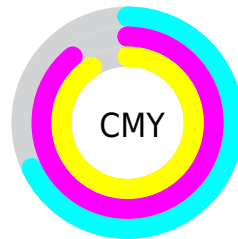


Cyan (0%)

Magenta (65%)

Yellow (71%)

Black (68%)



Cyan (68%)

Magenta (89%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.2770, -9.9966, 33.0831 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 44.2770, -9.9966, 33.0831 by changing the saturation by 10% instead.

■ 44.2770, -9.9966,
33.0831

■ 44.2770, -9.9966,
33.0831

■ 254.5440, -1.7472,
0.3999

■ 20.5650, -10.1385,
31.9535

■ 92.0280, -12.3388,
37.6864

■ 10.2800, -4.5750,
20.8024

■ 117.6970,
-13.6546, 39.7307

■ 0.0000, 0.0000,
0.0000

■ 143.5940,
-14.0968, 41.5751

■ 170.4910,
-14.5391, 43.4194

■ 197.9750,
-15.2707, 44.7489

■ 219.2830,

-12.4645, 31.3238

238.9110, -8.3371,
14.1101

44.2770, -9.9966,
33.0831

44.2770, -9.9966,
33.0831

39.2560, -11.4652,
37.4865

49.2980, -8.5279,
28.6797

33.6480, -12.6445,
42.4047

54.9060, -7.3487,
23.7614

28.6270, -14.1131,
46.8081

60.0410, -5.4432,
19.2580

65.6490, -4.2640,
14.3398

70.6700, -2.7953,
9.9364

■ 76.2780, -1.6161,
5.0182

■ 81.2990, -0.1474,
0.6148

■ 87.0210, 1.4686,
-4.4034

■ 92.0420, 2.9373,
-8.8068

Harmonies

Analogous

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



44.9210, 0.0389, 34.2723



44.2770, -9.9966, 33.0831



44.2900, -19.8630, 24.3017

Triad

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



44.2770, -9.9966, 33.0831



35.2490, -4.5598, -30.9134



38.3220, 24.9843, -33.6084

Complementary

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



44.2770, -9.9966, 33.0831



61.7230, 9.9966, -33.0831

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.



40.6870, 21.3533, -35.6825



44.2770, -9.9966, 33.0831



38.3440, 4.7604, -33.6277

Square

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



44.2770, -9.9966, 33.0831



40.3740, -17.4394, -6.4670



40.7380, 13.9332, -35.7272



46.8920, 17.3082, 1.8487

Rectangle

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



44.2770, -9.9966, 33.0831



43.4800, -21.4356, 15.3650



40.7380, 13.9332, -35.7272



39.3820, 23.9687, -34.5380

Sweetspot

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



44.2770, -9.9966, 33.0831



92.7520, -3.8217, 12.4955



47.3840, 14.6007, 30.3582



44.7730, -2.3531, 8.0921



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



44.2770, -9.9966, 33.0831



47.9050, -15.7292, 51.8263



61.3000, -18.3889, 18.1539



38.1960, -0.5896, 2.4591



36.6780, -18.0823, 59.9184



81.1080, -39.9862, 132.3323

Inverse Universe

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



61.7230, 9.9966, -33.0831



75.0950, 15.7292, -51.8263



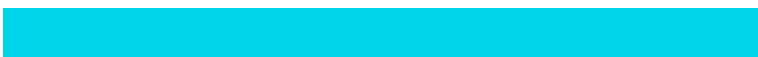
44.7000, 18.3889, -18.1539



39.2170, 0.8790, -1.9443



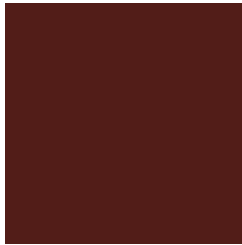
68.3220, 18.0823, -59.9184



150.8920, 39.9862, -132.3323

Previews

White Background



This preview shows how the YUV color 44.2770, -9.9966, 33.0831 looks on a white background.

Color Contrast Check

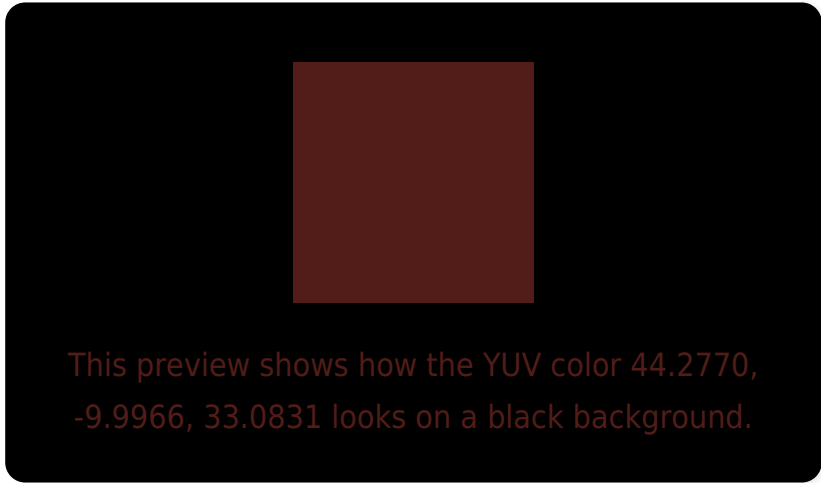
Large Text (above 18pt) WCAG AA ✓ Pass

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

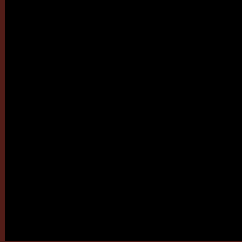
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.2770, -9.9966, 33.0831

Background



This preview shows how black text looks on a background with the YUV color 44.2770, -9.9966, 33.0831.

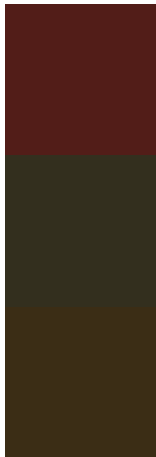


This preview shows how white text looks on a background with the YUV color 44.2770, -9.9966,

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

44.2770, -9.9966, 33.0831

Protanopia

46.2580, -8.0152, 4.1587

Deuteranopia

46.4500, -12.5468, 11.0064



Tritanopia

44.3740, -7.0864, 32.9980

Trichromacy



Original Color

44.2770, -9.9966, 33.0831

Protanomaly

45.2100, -8.4845, 14.7248

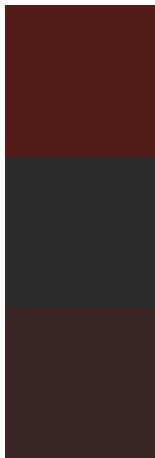
Deuteranomaly

45.4340, -11.5530, 18.9134

Tritanomaly

44.1460, -7.9600, 33.1980

Monochromacy



Original Color

44.2770, -9.9966, 33.0831

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.4530, -3.6743, 11.8807

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.2770, -9.9966, 33.0831 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(82, 29, 24)` looks like.

```
.text, #text, p{  
    color:rgb(82, 29, 24)  
}
```

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(82, 29, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 29, 24) }
```

Border

The CSS property to change the border of an element to YUV 44.2770, -9.9966, 33.0831 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(82, 29, 24) }
```


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

```
.border{ border-color:rgb(82, 29, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 29, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 29, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 29, 24);  
box-shadow:4px 4px 4px 4px rgb(82, 29, 24)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.2770, -9.9966, 33.0831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 29, 24) }
```

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

```
.background{ background-color: rgb(82, 29,  
24) }
```

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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