

Converting Colors

YUV(23.5770, -11.6235,
41.5900)

Have a look what the booklet for
YUV(23.5770, -11.6235, 41.5900)
contains.

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Color

**YUV(23.5770, -11.6235,
41.5900)**

Conversions

Conversions Part 1

Format	Color
Hex	470400
RGB	71, 4, 0
RGB Percent	28%, 2%, 0%
CMY	0.7216, 0.9843, 1.0000
CMYK	0.00, 0.94, 1.00, 0.72
HSL	3°, 100%, 14%
HSV	3°, 100%, 28%
XYZ	2.6419, 1.4264, 0.1361
YIQ	23.5770, 41.2160, 12.9600

Conversions

Conversions Part 2

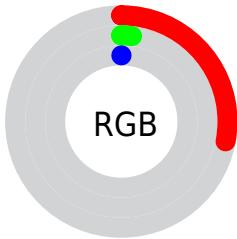
Format	Color
R_{YB}	71, 4, 0
Decimal	4654080
CIE Lab	12.13, 30.20, 18.97
CIE LCh	12, 35.664, 32.137
Yxy	1.4264, 0.6284, 0.3393
Android (android.graphics.Color)	4282844160 (0xFF470400)
YUV	23.5770, -11.6235, 41.5900
Hunter-Lab	11.9433, 18.5848, 7.6848

Details

The YUV color **23.5770, -11.6235, 41.5900** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **47.4230, 11.6235, -41.5900**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.1320, -13.3761, 43.7342**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.5770, -11.6235, 41.5900**, and if you desaturate by 10%, it is **28.4840, -10.5916, 37.2865**.

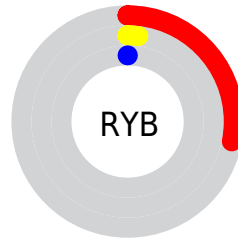
Distribution



Red (28%)

Green (2%)

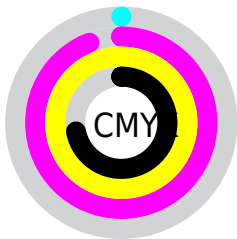
Blue (0%)



Red (28%)

Yellow (2%)

Blue (0%)

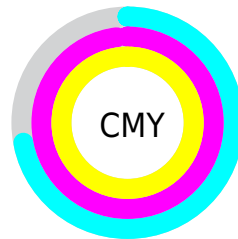


Cyan (0%)

Magenta (94%)

Yellow (100%)

Black (72%)



Cyan (72%)

Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.5770, -11.6235, 41.5900 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 23.5770, -11.6235, 41.5900 by changing the saturation by 10% instead.

■ 23.5770, -11.6235,
41.5900

■ 23.5770, -11.6235,
41.5900

■ 242.3020, -8.0369,
11.1361

■ 13.7540, -6.7807,
28.2797

■ 74.1320, -13.3761,
43.7342

■ 0.0000, 0.0000,
0.0000

■ 99.2140, -14.4025,
46.2933

■ 125.1820,
-15.8657, 48.9524


■ 151.9650,
-16.7447, 50.8967


■ 178.8620,
-17.1870, 52.7410


■ 202.4590,


-16.0023, 46.0785


 222.0870,
-11.8749, 28.8647


 23.5770, -11.6235,
41.5900

 28.4840, -10.5916,
37.2865

 32.8040, -9.2704,
33.4979

 37.7110, -8.2385,
29.1945

 42.6180, -7.2067,
24.8910

 47.6390, -5.7380,
20.4876

■ 51.9590, -4.4168,
16.6990

■ 56.8660, -3.3849,
12.3955

■ 61.7730, -2.3531,
8.0921

■ 66.0930, -1.0318,
4.3034

Harmonies

Analogous

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



25.3610, 2.7800, 41.7794



23.5770, -11.6235, 41.5900



29.6690, -14.6268, 24.8463

Triad

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



23.5770, -11.6235, 41.5900



24.2950, -10.9914, -21.3067



29.8930, 25.6888, -26.2162

Complementary

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



23.5770, -11.6235, 41.5900



47.4230, 11.6235, -41.5900

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.



32.1440, 21.6210, -28.1903



23.5770, -11.6235, 41.5900



28.4160, 2.2599, -24.9208

Square

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



23.5770, -11.6235, 41.5900



25.9050, -12.7712, -10.4407



31.1520, 12.7431, -27.3203



31.4940, 20.9555, -1.3102

Rectangle

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



23.5770, -11.6235, 41.5900



30.7770, -15.1731, 13.3506



31.1520, 12.7431, -27.3203



30.9530, 24.6732, -27.1458

Sweetspot

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



23.5770, -11.6235, 41.5900



73.5460, -4.7062, 16.1842



28.8670, 18.7996, 36.9506



34.6700, -2.7953, 9.9364



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



23.5770, -11.6235, 41.5900



30.4430, -15.0084, 53.9855



44.1220, -21.7521, 23.5720



33.1960, -0.5896, 2.4591



33.1230, -16.3296, 57.7741



75.5040, -37.2235, 132.8620

Inverse Universe

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



47.4230, 11.6235, -41.5900



61.5570, 15.0084, -53.9855



26.8780, 21.7521, -23.5720



34.2170, 0.8790, -1.9443



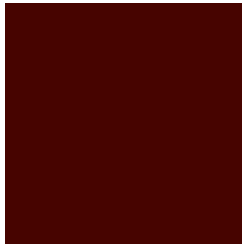
66.4640, 16.0402, -58.2889



151.4960, 37.2235, -132.8620

Previews

White Background



This preview shows how the YUV color 23.5770, -11.6235, 41.5900 looks on a white background.

Color Contrast Check

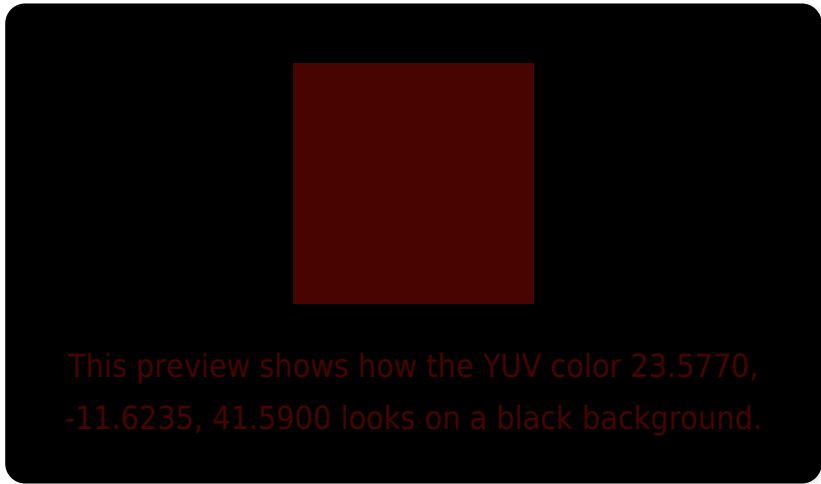
Large Text (above 18pt) WCAG AA ✓ Pass

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

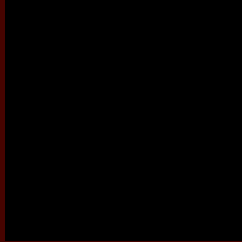
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.5770, -11.6235, 41.5900

Background



This preview shows how black text looks on a background with the YUV color 23.5770, -11.6235, 41.5900.



This preview shows how white text looks on a background with the YUV color 23.5770, -11.6235,

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



Protanopia

34.1180, -12.3832, 5.1585

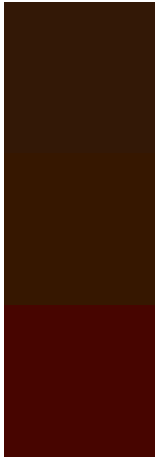
Deuteranopia

33.4130, -16.4726, 10.1618

Tritanopia

24.7510, -12.2022, 40.5604

Trichromacy



Protanomaly

30.0210, -11.8424, 18.3986

Deuteranomaly

29.6470, -14.6160, 21.3576

Tritanomaly

24.1640, -11.9129, 41.0752

Monochromacy



Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

23.9480, -4.4114, 14.9546

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.5770, -11.6235, 41.5900 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, 4, 0)` looks like.

```
.text, #text, p{  
    color:rgb(71, 4, 0)  
}
```

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, 4, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 4, 0) }
```

Border

The CSS property to change the border of an element to YUV 23.5770, -11.6235, 41.5900 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, 4, 0) }
```

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

```
.border{ border-color:rgb(71, 4, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 4, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 4, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(71, 4, 0); box-shadow:4px  
4px 4px 4px rgb(71, 4, 0) }
```


Background

The CSS property to change the background color of an element to YUV 23.5770, -11.6235, 41.5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 4, 0) }
```

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

```
.background{ background-color: rgb(71, 4,  
0) }
```

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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