

Converting Colors

YUV(48.7570, -11.2192,
51.9561)

Have a look what the booklet for
YUV(48.7570, -11.2192, 51.9561)
contains.

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Color

**YUV(48.7570, -11.2192,
51.9561)**

Conversions

Conversions Part 1

Format	Color
Hex	6C171A
RGB	108, 23, 26
RGB Percent	42%, 9%, 10%
CMY	0.5765, 0.9098, 0.8980
CMYK	0.00, 0.79, 0.76, 0.58
HSL	358°, 65%, 26%
HSV	358°, 79%, 42%
XYZ	6.6772, 3.8755, 1.3734
YIQ	48.7570, 49.6970, 18.9530

Conversions

Conversions Part 2

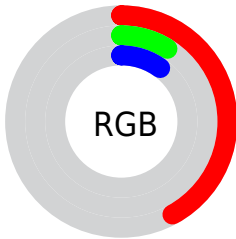
Format	Color
R _Y B	108, 23, 26
Decimal	7083802
CIE Lab	23.26, 37.11, 21.13
CIE LCh	23, 42.698, 29.655
Yxy	3.8755, 0.5599, 0.3250
Android (android.graphics.Color)	4285273882 (0xFF6C171A)
YUV	48.7570, -11.2192, 51.9561
Hunter-Lab	19.6863, 26.0924, 9.6441

Details

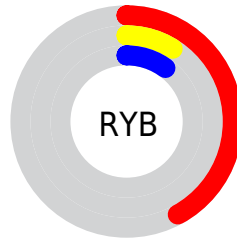
The YUV color **48.7570, -11.2192, 51.9561** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **82.2430, 11.2192, -51.9561**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.6390, -15.5980, 56.4446**, and **16.1460, -7.9600, 33.1980** is the 20% darker color. If you saturate the color by 10%, you get **41.1600, -12.4039, 58.6187**, and if you desaturate by 10%, it is **56.3540, -10.0345, 45.2935**.

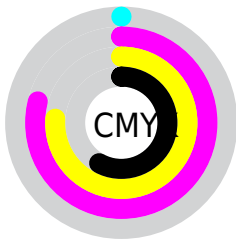
Distribution



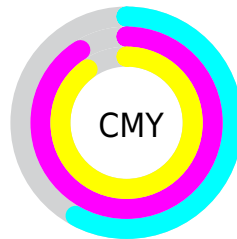
- Red (42%)
- Green (9%)
- Blue (10%)



- Red (42%)
- Yellow (9%)
- Blue (10%)



- Cyan (0%)
- Magenta (79%)
- Yellow (76%)
- Black (58%)



- Cyan (58%)
- Magenta (91%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.7570, -11.2192, 51.9561 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 48.7570, -11.2192, 51.9561 by changing the saturation by 10% instead.

■ 48.7570, -11.2192,
51.9561

■ 48.7570, -11.2192,
51.9561

■ 254.8860, -0.4368,
0.1000

■ 24.2190, -11.9400,
49.7969

■ 100.6390,
-15.5980, 56.4446

■ 16.1460, -7.9600,
33.1980

■ 126.7210,
-16.6245, 59.0037

■ 5.6810, -2.8007,
11.6808

■ 153.8030,
-17.6509, 61.5628

■ 0.0000, 0.0000,
0.0000

■ 181.4720,
-18.9667, 63.6071

■ 201.2850,
-15.4235, 47.1081

■ 220.7990,

-11.7329, 29.9943

240.4270, -7.6055,
12.7805

48.7570, -11.2192,
51.9561

48.7570, -11.2192,
51.9561

41.1600, -12.4039,
58.6187

56.3540, -10.0345,
45.2935

33.4490, -14.0254,
65.3812

64.0650, -8.4130,
38.5310

32.7480, -14.1728,
65.9960

71.0750, -6.9390,
32.3832

78.7860, -5.3175,
25.6207

86.3830, -4.1328,
18.9581

■ 94.0940, -2.5113,
12.1956

■ 101.6910, -1.3267,
5.5330

■ 108.7010, 0.1474,
-0.6148

■ 116.4120, 1.7689,
-7.3773

Harmonies

Analogous

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



47.3070, 4.7786, 54.1048



48.7570, -11.2192, 51.9561



51.2870, -25.2845, 36.5823

Triad

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



48.7570, -11.2192, 51.9561



41.6090, -10.6532, -36.4911



48.9000, 35.0523, -42.8853

Complementary

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



48.7570, -11.2192, 51.9561



82.2430, 11.2192, -51.9561

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.



51.9830, 29.0954, -45.5891



48.7570, -11.2192, 51.9561



46.6590, 3.6191, -40.9199

Square

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



48.7570, -11.2192, 51.9561



47.7560, -23.5437, -8.5560



50.3070, 17.5966, -44.1192



55.3070, 27.9496, -4.6542

Rectangle

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



48.7570, -11.2192, 51.9561



52.6720, -25.9673, 22.2127



50.3070, 17.5966, -44.1192



50.5470, 33.7473, -44.3297

Sweetspot

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



48.7570, -11.2192, 51.9561



116.9810, -4.4276, 20.1877



56.9090, 25.1879, 41.2988



56.9800, -2.9481, 12.2955



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



48.7570, -11.2192, 51.9561



48.0380, -17.2737, 80.6507



70.7210, -23.5265, 32.6937



49.7940, -0.8844, 3.6887



35.4390, -15.4994, 71.5290



74.2810, -32.1835, 149.7206

Inverse Universe

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



48.7570, -11.2192, 51.9561



48.0380, -17.2737, 80.6507



60.2790, 23.5265, -32.6937



49.7940, -0.8844, 3.6887



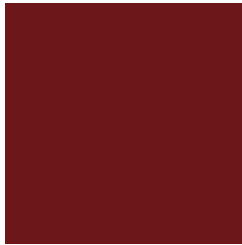
35.4390, -15.4994, 71.5290



74.2810, -32.1835, 149.7206

Previews

White Background



This preview shows how the YUV color 48.7570, -11.2192, 51.9561 looks on a white background.

Color Contrast Check

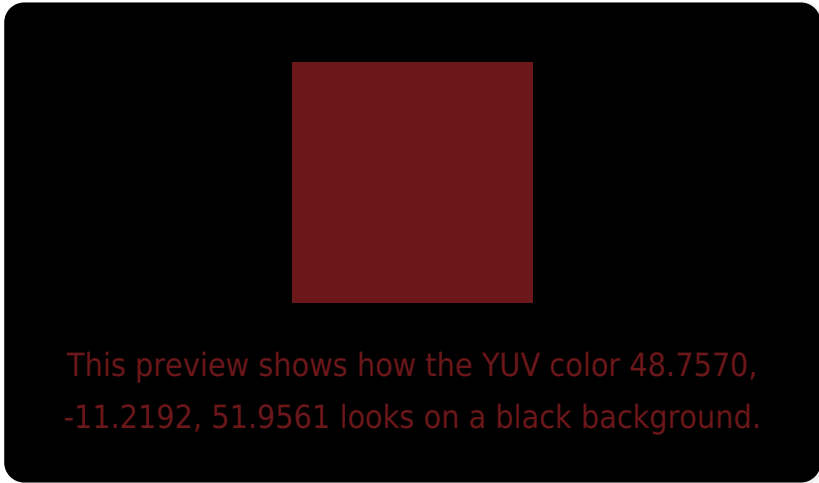
Large Text (above 18pt) WCAG AA ✓ Pass

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

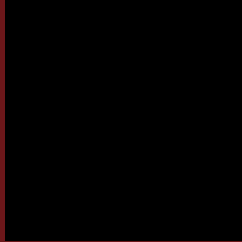
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.7570, -11.2192, 51.9561

Background



This preview shows how black text looks on a background with the YUV color 48.7570, -11.2192, 51.9561.



This preview shows how white text looks on a background with the YUV color 48.7570, -11.2192,

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

48.7570, -11.2192, 51.9561

Protanopia

56.2150, -9.4730, 5.0734

Deuteranopia

55.5060, -17.5045, 14.4652



Tritanopia

48.5290, -12.0928, 52.1561

Trichromacy



Original Color

48.7570, -11.2192, 51.9561

Protanomaly

53.7980, -10.2534, 22.1022

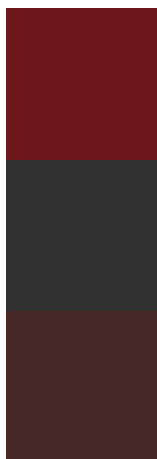
Deuteranomaly

53.1640, -15.3639, 27.9202

Tritanomaly

48.6430, -11.6560, 52.0561

Monochromacy



Original Color

48.7570, -11.2192, 51.9561

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.0840, -3.9854, 18.3433

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.7570, -11.2192, 51.9561 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(108, 23, 26)` looks like.

```
.text, #text, p{  
    color:rgb(108, 23, 26)  
}
```

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(108, 23, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 23, 26) }
```

Border

The CSS property to change the border of an element to YUV 48.7570, -11.2192, 51.9561 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(108, 23, 26) }
```


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

```
.border{ border-color:rgb(108, 23, 26) }
```

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

Here you see how a box with a 4 pixel rgb(108, 23, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 23, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 23, 26);  
box-shadow:4px 4px 4px 4px rgb(108, 23,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 48.7570, -11.2192, 51.9561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 23, 26) }
```

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

```
.background{ background-color: rgb(108, 23,  
26) }
```

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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