

Converting Colors

YUV(72.5780, -13.1030,
49.4821)

Have a look what the booklet for
YUV(72.5780, -13.1030, 49.4821)
contains.

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Color

**YUV(72.5780, -13.1030,
49.4821)**

Conversions

Conversions Part 1

Format	Color
Hex	81312E
RGB	129, 49, 46
RGB Percent	51%, 19%, 18%
CMY	0.4941, 0.8078, 0.8196
CMYK	0.00, 0.62, 0.64, 0.49
HSL	2°, 47%, 34%
HSV	2°, 64%, 51%
XYZ	10.6447, 7.0610, 3.3866
YIQ	72.5780, 48.6430, 16.0270

Conversions

Conversions Part 2

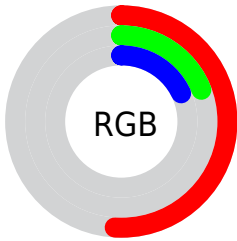
Format	Color
R_{YB}	129, 49, 46
Decimal	8466734
CIE _{Lab}	31.95, 34.35, 19.77
CIE _{LCh}	32, 39.631, 29.919
Yxy	7.0610, 0.5047, 0.3348
Android (android.graphics.Color)	4286656814 (0xFF81312E)
YUV	72.5780, -13.1030, 49.4821
Hunter-Lab	26.5726, 25.0034, 11.0444

Details

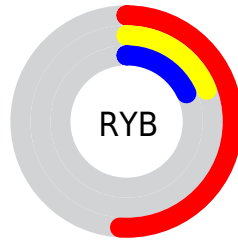
The YUV color **72.5780, -13.1030, 49.4821** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **102.4220, 13.1030, -49.4821**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.2150, -15.8820, 54.1854**, and **22.4250, -11.0555, 46.1083** is the 20% darker color. If you saturate the color by 10%, you get **64.0520, -15.3086, 56.9594**, and if you desaturate by 10%, it is **81.1040, -10.8973, 42.0048**.

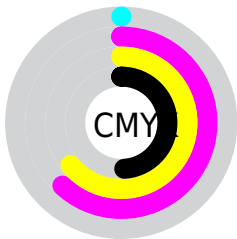
Distribution



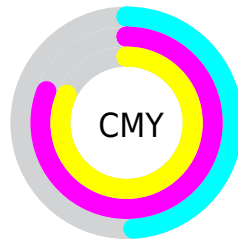
- Red (51%)
- Green (19%)
- Blue (18%)



- Red (51%)
- Yellow (19%)
- Blue (18%)



- Cyan (0%)
- Magenta (62%)
- Yellow (64%)
- Black (49%)



- Cyan (49%)
- Magenta (81%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.5780, -13.1030, 49.4821 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 72.5780, -13.1030, 49.4821 by changing the saturation by 10% instead.

■ 72.5780, -13.1030,
49.4821

■ 72.5780, -13.1030,
49.4821

255.0000, 0.0000,
0.0000

■ 47.1370, -10.9135,
47.2379

■ 124.2150,
-15.8820, 54.1854

■ 22.4250, -11.0555,
46.1083

■ 150.8840,
-17.1978, 56.2297

■ 14.6510, -7.2229,
30.1241

■ 178.0800,
-17.7874, 58.6888

■ 0.0000, 0.0000,
0.0000

■ 199.9970,
-15.2815, 48.2376

■ 219.5110,
-11.5909, 31.1239

■ 239.7260, -7.7529,

13.3953

254.6580, -1.3104,
0.2999

■ 72.5780, -13.1030,
49.4821

■ 72.5780, -13.1030,
49.4821

■ 64.0520, -15.3086,
56.9594

■ 81.1040, -10.8973,
42.0048

■ 54.9390, -17.2249,
64.9515

■ 90.2170, -8.9810,
34.0127

■ 46.4130, -19.4306,
72.4288

■ 98.7430, -6.7753,
26.5354

■ 41.5060, -20.4625,
76.7322

■ 107.8560, -4.8590,
18.5433

■ 116.3820, -2.6533,
11.0660

■ 125.3810, -1.1738,
3.1739

■ 133.9070, 1.0318,
-4.3034

■ 142.4330, 3.2375,
-11.7807

■ 151.5460, 5.1538,
-19.7728

Harmonies

Analogous

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



73.1770, 1.8847, 48.9568



72.5780, -13.1030, 49.4821



73.0590, -26.1581, 36.7823

Triad

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



72.5780, -13.1030, 49.4821



56.7540, -7.2737, -47.1423



62.1050, 37.4162, -54.4661

Complementary

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



72.5780, -13.1030, 49.4821



102.4220, 13.1030, -49.4821

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.



65.1880, 31.4593, -57.1699



72.5780, -13.1030, 49.4821



61.2660, 6.2779, -53.7303

Square

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



72.5780, -13.1030, 49.4821



67.7840, -26.0225, -6.8266



64.2130, 20.1080, -56.3148



76.1610, 26.0496, -1.8952

Rectangle

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



72.5780, -13.1030, 49.4821



71.3750, -32.2299, 24.2271



64.2130, 20.1080, -56.3148



63.6380, 35.6745, -55.8105

Sweetspot

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



72.5780, -13.1030, 49.4821



146.1550, -5.0064, 19.1581



79.9370, 22.7091, 43.0283



70.6810, -2.8007, 11.6808



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



72.5780, -13.1030, 49.4821



79.9190, -20.1731, 77.2470



96.6450, -24.9680, 28.3753



59.6800, -1.3212, 3.7886



41.2070, -20.3151, 76.1175



0.0000, 0.0000, 0.0000

Inverse Universe

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



102.4220, 13.1030, -49.4821



127.0810, 20.1731, -77.2470



78.3550, 24.9680, -28.3753



61.9070, 1.0318, -4.3034



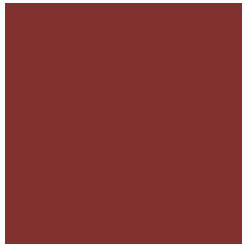
86.7930, 20.3151, -76.1175



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 72.5780, -13.1030, 49.4821 looks on a white background.

Color Contrast Check

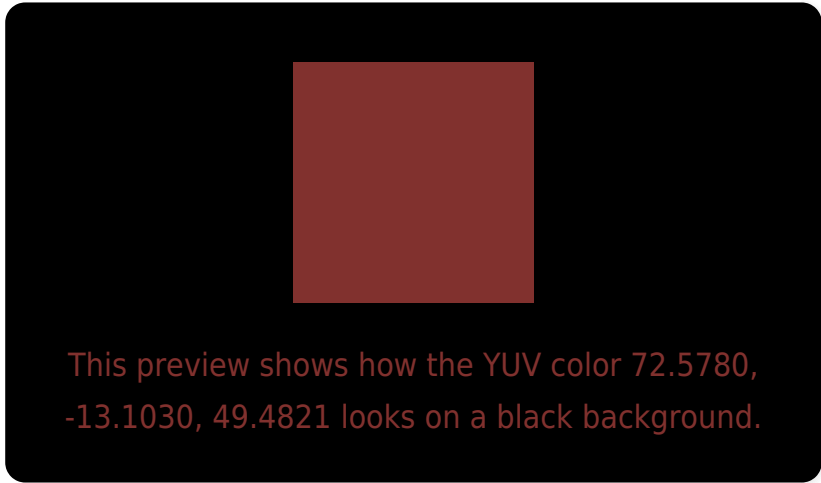
Large Text (above 18pt) WCAG AA ✓ Pass

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

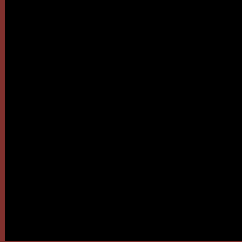
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.5780, -13.1030, 49.4821

Background



This preview shows how black text looks on a background with the YUV color 72.5780, -13.1030, 49.4821.

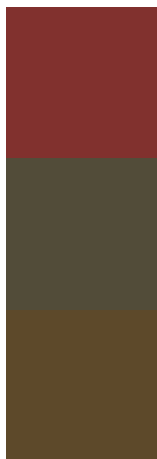


This preview shows how white text looks on a background with the YUV color 72.5780, -13.1030,

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

72.5780, -13.1030, 49.4821

Protanopia

75.6280, -9.1836, 5.5882

Deuteranopia

75.4460, -16.4889, 15.3949



Tritanopia

72.5610, -10.6296, 49.4970

Trichromacy



Original Color

72.5780, -13.1030, 49.4821

Protanomaly

74.3850, -10.5428, 21.5874

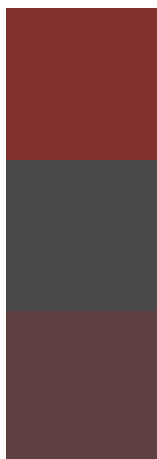
Deuteranomaly

74.1640, -15.3639, 27.9202

Tritanomaly

72.3330, -11.5032, 49.6970

Monochromacy



Original Color

72.5780, -13.1030, 49.4821

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.5570, -4.7116, 17.9285

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.5780, -13.1030, 49.4821 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(129, 49, 46)` looks like.

```
.text, #text, p{  
    color:rgb(129, 49, 46)  
}
```

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(129, 49, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 49, 46) }
```

Border

The CSS property to change the border of an element to YUV 72.5780, -13.1030, 49.4821 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(129, 49, 46) }
```


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

```
.border{ border-color:rgb(129, 49, 46) }
```

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

Here you see how a box with a 4 pixel rgb(129, 49, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 49, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 49, 46);  
box-shadow:4px 4px 4px 4px rgb(129, 49,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 72.5780, -13.1030, 49.4821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 49, 46) }
```

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

```
.background{ background-color: rgb(129, 49,  
46) }
```

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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