

Converting Colors

YUV(21.7830, -10.7390,
37.9013)

Have a look what the booklet for
YUV(21.7830, -10.7390, 37.9013)
contains.

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Color

**YUV(21.7830, -10.7390,
37.9013)**

Conversions

Conversions Part 1

Format	Color
Hex	410400
RGB	65, 4, 0
RGB Percent	25%, 2%, 0%
CMY	0.7451, 0.9843, 1.0000
CMYK	0.00, 0.94, 1.00, 0.75
HSL	4°, 100%, 13%
HSV	4°, 100%, 25%
XYZ	2.2234, 1.2107, 0.1165
YIQ	21.7830, 37.6400, 11.6880

Conversions

Conversions Part 2

Format	Color
R_{YB}	65, 4, 0
Decimal	4260864
CIE Lab	10.64, 28.19, 16.67
CIE LCh	11, 32.749, 30.601
Yxy	1.2107, 0.6262, 0.3410
Android (android.graphics.Color)	4282450944 (0xFF410400)
YUV	21.7830, -10.7390, 37.9013
Hunter-Lab	11.0030, 16.8147, 7.0743

Details

The YUV color **21.7830, -10.7390, 37.9013** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **43.2170, 10.7390, -37.9013**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.9790, -11.3286, 40.3604**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.7830, -10.7390, 37.9013**, and if you desaturate by 10%, it is **25.9890, -9.8546, 34.2126**.

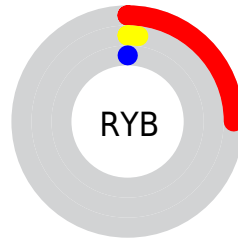
Distribution



Red (25%)

Green (2%)

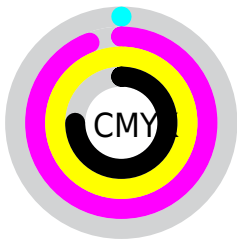
Blue (0%)



Red (25%)

Yellow (2%)

Blue (0%)

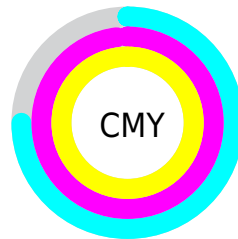


Cyan (0%)

Magenta (94%)

Yellow (100%)

Black (75%)



Cyan (75%)

Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.7830, -10.7390, 37.9013 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 21.7830, -10.7390, 37.9013 by changing the saturation by 10% instead.

■ 21.7830, -10.7390,
37.9013

■ 21.7830, -10.7390,
37.9013

■ 240.5410, -7.1687,
12.6805

■ 12.6720, -5.7543,
25.7207

■ 70.9790, -11.3286,
40.3604

■ 0.0000, 0.0000,
0.0000

■ 95.9470, -12.7919,
43.0195


■ 121.7300,
-13.6709, 44.9638


■ 147.8120,
-14.6973, 47.5229


■ 175.2960,
-15.4289, 48.8524


■ 201.2850,


-15.4235, 47.1081


 220.9130,
-11.2961, 29.8943


 21.7830, -10.7390,
37.9013

 25.9890, -9.8546,
34.2126

 30.3090, -8.5333,
30.4240

 34.6290, -7.2121,
26.6354

 38.8350, -6.3277,
22.9467

 43.7420, -5.2958,
18.6433

■ 47.9480, -4.4114,
14.9546

■ 52.1540, -3.5269,
11.2659

■ 56.4740, -2.2057,
7.4773

■ 60.7940, -0.8844,
3.6887

Harmonies

Analogous

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



23.0400, 2.9383, 37.6759



21.7830, -10.7390, 37.9013



26.7120, -13.1690, 23.9316

Triad

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



21.7830, -10.7390, 37.9013



21.7190, -10.7075, -19.0476



27.2200, 23.0625, -23.8719

Complementary

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



21.7830, -10.7390, 37.9013



43.2170, 10.7390, -37.9013

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.



28.8840, 19.2842, -25.3313



21.7830, -10.7390, 37.9013



26.1990, 1.3809, -22.9765

Square

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



21.7830, -10.7390, 37.9013



24.1440, -11.9030, -8.8963



28.7070, 10.9904, -25.1760



28.1410, 19.6505, -2.7547

Rectangle

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



21.7830, -10.7390, 37.9013



27.5320, -13.5733, 13.5654



28.7070, 10.9904, -25.1760



28.2800, 22.0470, -24.8016

Sweetspot

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



21.7830, -10.7390, 37.9013



67.0620, -3.9746, 14.8546



26.5030, 17.5000, 33.7619



33.0720, -2.5005, 8.7069



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



21.7830, -10.7390, 37.9013



28.0510, -13.8291, 49.0673



40.5670, -19.9995, 21.4277



30.8970, -0.4422, 1.8443



32.5250, -16.0348, 56.5446



75.1940, -37.0706, 130.5029

Inverse Universe

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



43.2170, 10.7390, -37.9013



55.9490, 13.8291, -49.0673



24.4330, 19.9995, -21.4277



32.1030, 0.4422, -1.8443



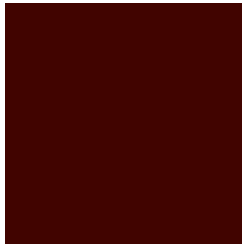
64.4750, 16.0348, -56.5446



149.3930, 36.7813, -131.0177

Previews

White Background



This preview shows how the YUV color 21.7830, -10.7390, 37.9013 looks on a white background.

Color Contrast Check

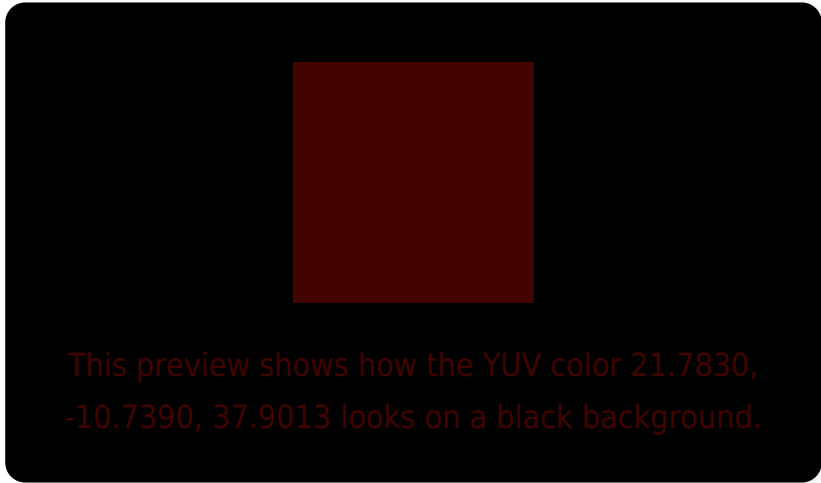
Large Text (above 18pt) WCAG AA ✓ Pass

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

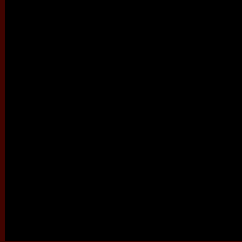
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.7830, -10.7390, 37.9013

Background



This preview shows how black text looks on a background with the YUV color 21.7830, -10.7390, 37.9013.

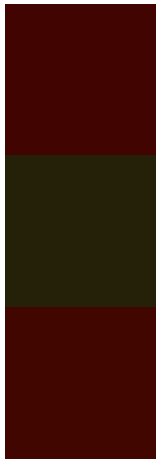


This preview shows how white text looks on a background with the YUV color 21.7830, -10.7390,

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

21.7830, -10.7390, 37.9013

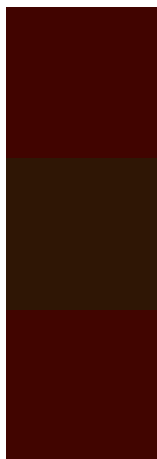
Protanopia

31.3460, -11.5096, 4.9586

Tritanopia

22.9570, -11.3178, 36.8717

Trichromacy



Original Color

21.7830, -10.7390, 37.9013

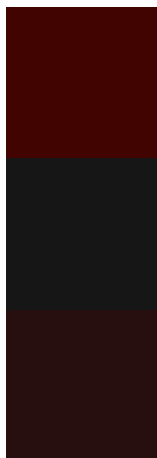
Protanomaly

27.5370, -11.1107, 17.0691

Tritanomaly

22.3700, -11.0284, 37.3865

Monochromacy



Original Color

21.7830, -10.7390, 37.9013

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

21.7630, -3.8272, 14.2398

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.7830, -10.7390, 37.9013 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(65, 4, 0)` looks like.

```
.text, #text, p{  
    color:rgb(65, 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(65, 4, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 4, 0) }
```

Border

The CSS property to change the border of an element to YUV 21.7830, -10.7390, 37.9013 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(65, 4, 0) }
```

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

```
.border{ border-color:rgb(65, 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(65, 4, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 4, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(65, 4, 0); box-shadow:4px  
4px 4px 4px rgb(65, 4, 0) }
```


Background

The CSS property to change the background color of an element to YUV 21.7830, -10.7390, 37.9013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 4, 0) }
```

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

```
.background{ background-color: rgb(65, 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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