

Converting Colors

YUV(37.7830, -14.1900,
24.7463)

Have a look what the booklet for
YUV(37.7830, -14.1900, 24.7463)
contains.

YUV(37.7830, -14.1900, 24.7463)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(37.7830, -14.1900,
24.7463)**

Conversions

Conversions Part 1

Format	Color
Hex	421D09
RGB	66, 29, 9
RGB Percent	26%, 11%, 4%
CMY	0.7412, 0.8863, 0.9647
CMYK	0.00, 0.56, 0.86, 0.74
HSL	21°, 76%, 15%
HSV	21°, 86%, 26%
XYZ	2.7354, 2.0567, 0.5113
YIQ	37.7830, 28.4720, 1.6240

Conversions

Conversions Part 2

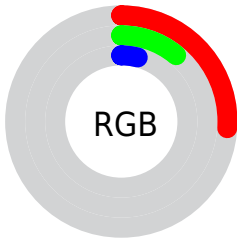
Format	Color
R_{YB}	66, 40, 9
Decimal	4332809
CIE Lab	15.78, 16.23, 19.90
CIE LCh	16, 25.680, 50.789
Yxy	2.0567, 0.5158, 0.3878
Android (android.graphics.Color)	4282522889 (0xFF421D09)
YUV	37.7830, -14.1900, 24.7463
Hunter-Lab	14.3412, 8.9499, 7.9252

Details

The YUV color **37.7830, -14.1900, 24.7463** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **37.2170, 14.1900, -24.7463**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.4630, -15.5113, 28.5349**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.6370, -16.0900, 27.5054**, and if you desaturate by 10%, it is **40.9290, -12.2900, 21.9873**.

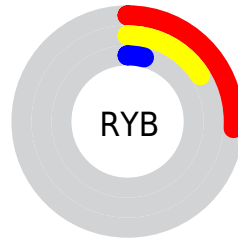
Distribution



 Red (26%)

 Green (11%)

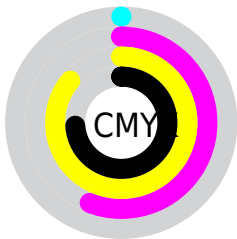
 Blue (4%)



 Red (26%)

 Yellow (16%)

 Blue (4%)

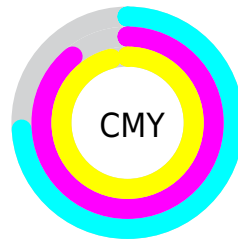


 Cyan (0%)

 Magenta (56%)

 Yellow (86%)

 Black (74%)



 Cyan (74%)


 Magenta (89%)


 Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YUV color 37.7830, -14.1900, 24.7463 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 37.7830, -14.1900, 24.7463 by changing the saturation by 10% instead.

 37.7830, -14.1900,
24.7463


 37.7830, -14.1900,
24.7463


 252.6060, -9.1728,
2.0995


 16.6670, -8.2168,
22.2170


 84.4630, -15.5113,
28.5349

 0.0000, 0.0000,
0.0000

 109.2460,
-16.3903, 30.4793

 135.0290,
-17.2693, 32.4236

 160.9260,
-17.7115, 34.2679

 188.4100,
-18.4431, 35.5974

 215.6980,

-18.5851, 34.4679

■ 235.2120,
-14.8945, 17.3541

■ 37.7830, -14.1900,
24.7463

■ 37.7830, -14.1900,
24.7463

■ 34.6370, -16.0900,
27.5054

■ 40.9290, -12.2900,
21.9873

■ 33.2350, -16.3849,
28.7349

■ 44.5480, -11.1162,
18.8134

■ 47.6940, -9.2161,
16.0544

■ 50.7260, -7.7529,
13.3953

■ 53.8720, -5.8529,
10.6363

■ 57.6050, -4.2423,
7.3624

■ 60.6370, -2.7790,
4.7034

■ 63.7830, -0.8790,
1.9443

■ 67.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



38.2210, -5.0390, 29.6242



37.7830, -14.1900, 24.7463



37.2780, -18.3781, 14.6652

Triad

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



37.7830, -14.1900, 24.7463



31.9380, 0.5236, -28.0096



38.7120, 16.9040, -8.5174

Complementary

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



37.7830, -14.1900, 24.7463



37.2170, 14.1900, -24.7463

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.



33.7910, 20.3160, -29.6347



37.7830, -14.1900, 24.7463



34.1040, 8.8227, -29.9092

Square

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



37.7830, -14.1900, 24.7463



32.5990, -8.6763, -17.1883



35.2270, 15.6641, -30.8941



40.9490, 10.8711, 13.1997

Rectangle

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



37.7830, -14.1900, 24.7463



36.3370, -17.9141, 5.8435



35.2270, 15.6641, -30.8941



35.3300, 19.5573, -19.5834

Sweetspot

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



37.7830, -14.1900, 24.7463



75.5730, -5.7055, 10.0215



30.2610, 7.7593, 31.3431



36.8220, -3.3632, 5.4181



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.



37.7830, -14.1900, 24.7463



43.6230, -21.5061, 38.0416



54.2190, -22.2930, 10.3319



31.4840, -0.7316, 1.3295



48.9610, -24.1378, 42.1302



113.3490, -55.8811, 97.0409

Inverse Universe

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



37.2170, 14.1900, -24.7463



42.7900, 21.7955, -37.5268



20.7810, 22.2930, -10.3319



31.5160, 0.7316, -1.3295



48.0390, 24.1378, -42.1302



111.2380, 55.5917, -97.5557

Previews

White Background



This preview shows how the YUV color 37.7830, -14.1900, 24.7463 looks on a white background.

Color Contrast Check

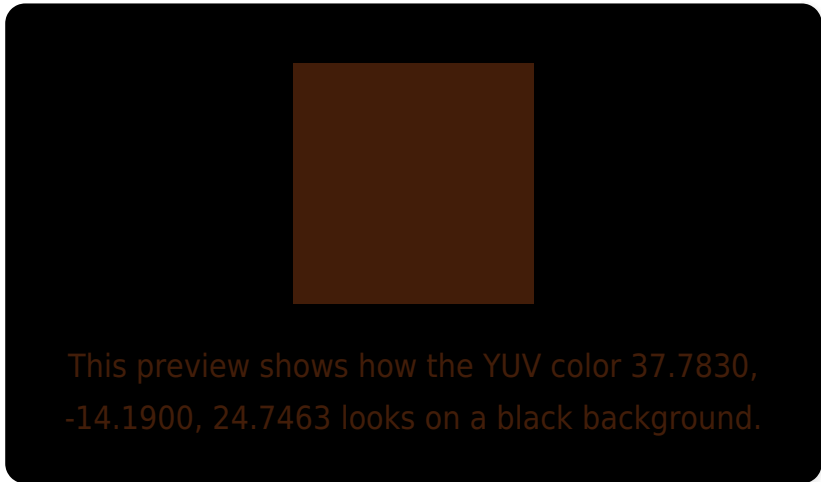
Large Text (above 18pt) WCAG AA ✓ Pass

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

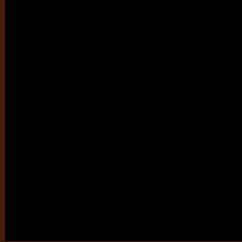
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.7830, -14.1900, 24.7463

Background



This preview shows how black text looks on a background with the YUV color 37.7830, -14.1900, 24.7463.

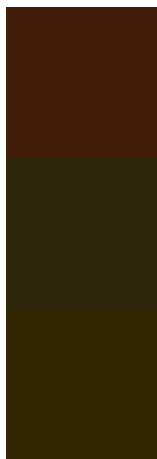


This preview shows how white text looks on a background with the YUV color 37.7830, -14.1900,

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

37.7830, -14.1900, 24.7463

Protanopia

38.3030, -12.9674, 5.8733

Deuteranopia

37.7830, -17.6410, 11.5913



Tritanopia

39.1880, -5.0227, 24.3911

Trichromacy



Original Color

37.7830, -14.1900, 24.7463

Protanomaly

38.2330, -13.4259, 12.9507

Deuteranomaly

37.8590, -16.1995, 15.9097

Tritanomaly

38.9770, -8.3697, 24.5762

Monochromacy



Original Color

37.7830, -14.1900, 24.7463

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.9750, -5.4107, 8.7919

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.7830, -14.1900, 24.7463 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(66, 29, 9)` looks like.

```
.text, #text, p{  
    color:rgb(66, 29, 9)  
}
```

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(66, 29, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 29, 9) }
```

Border

The CSS property to change the border of an element to YUV 37.7830, -14.1900, 24.7463 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(66, 29, 9) }
```


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

```
.border{ border-color:rgb(66, 29, 9) }
```

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

Here you see how a box with a 4 pixel rgb(66, 29, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 29, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(66, 29, 9); box-shadow:4px  
4px 4px 4px rgb(66, 29, 9) }
```

Background

The CSS property to change the background color of an element to YUV 37.7830, -14.1900, 24.7463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 29, 9) }
```

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

```
.background{ background-color: rgb(66, 29,  
9) }
```

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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