

# Converting Colors

YUV(37.4820, -0.7306, 47.8123)

Have a look what the booklet for  
YUV(37.4820, -0.7306, 47.8123)  
contains.

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# Color

**YUV(37.4820, -0.7306,  
47.8123)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C0A24
RGB	92, 10, 36
RGB Percent	36%, 4%, 14%
CMY	0.6392, 0.9608, 0.8588
CMYK	0.00, 0.89, 0.61, 0.64
HSL	341°, 80%, 20%
HSV	341°, 89%, 36%
XYZ	4.8406, 2.6198, 1.9196
YIQ	37.4820, 40.5260, 25.4700

# Conversions

## Conversions Part 2

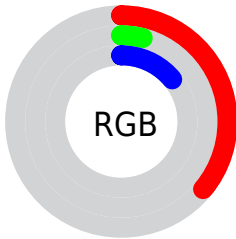
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 10, 36
Decimal	6031908
CIELab	18.45, 36.84, 7.35
CIElCh	18, 37.561, 11.279
Yxy	2.6198, 0.5161, 0.2793
Android (android.graphics.Color)	4284221988 (0xFF5C0A24)
YUV	37.4820, -0.7306, 47.8123
Hunter-Lab	16.1857, 25.0585, 4.2983




# Details

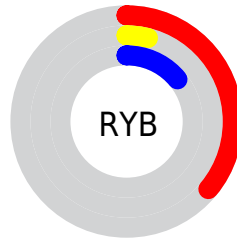
The YUV color **37.4820, -0.7306, 47.8123** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **64.5180, 0.7306, -47.8123**, and the grayscale version is **37.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **90.0540, -4.9566, 49.9416**, and **12.9710, -5.9017, 26.3354** is the 20% darker color. If you saturate the color by 10%, you get **31.5150, -0.7469, 53.0453**, and if you desaturate by 10%, it is **43.4490, -0.7144, 42.5792**.

# Distribution







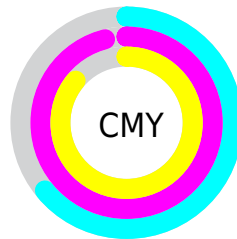
-  Red (36%)
-  Green (4%)
-  Blue (14%)






-  Red (36%)
-  Yellow (4%)
-  Blue (14%)



-  Cyan (0%)
-  Magenta (89%)
-  Yellow (61%)
-  Black (64%)



-  Cyan (64%)
-  Magenta (96%)
-  Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 37.4820, -0.7306, 47.8123 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 37.4820, -0.7306, 47.8123 by changing the saturation by 10% instead.



■ 37.4820, -0.7306,  
47.8123

■ 37.4820, -0.7306,  
47.8123

■ 253.8260, 0.5788,  
1.0296

■ 21.4440, -3.1769,  
39.0756

■ 90.0540, -4.9566,  
49.9416

■ 12.9710, -5.9017,  
26.3354

■ 115.8370, -5.8356,  
51.8860

■ 0.0000, 0.0000,  
0.0000

■ 142.6200, -6.7147,  
53.8303

■ 169.5170, -7.1569,  
55.6746

■ 195.6090, -6.7092,  
52.0859

■ 214.6500, -2.2924,

35.3870

234.8650, 1.5456,  
17.6584

37.4820, -0.7306,  
47.8123

37.4820, -0.7306,  
47.8123

31.5150, -0.7469,  
53.0453

43.4490, -0.7144,  
42.5792

30.8140, -0.8943,  
53.6601

49.5300, -0.2613,  
37.2462

56.0840, -0.5344,  
31.4983

62.0510, -0.5181,  
26.2653

68.0180, -0.5019,  
21.0322

■ 74.0990, -0.0488,  
15.6992

■ 80.0660, -0.0325,  
10.4661

■ 86.6200, -0.3057,  
4.7183

■ 92.7010, 0.1474,  
-0.6148

# Harmonies

## Analogous

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



41.6900, 10.5058, 37.1059



37.4820, -0.7306, 47.8123



40.0130, -16.2754, 40.3306

# Triad

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



37.4820, -0.7306, 47.8123



35.8950, -17.6962, -17.4479



42.1690, 27.0317, -36.9822

# Complementary

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



37.4820, -0.7306, 47.8123



64.5180, 0.7306, -47.8123

# 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.



41.9920, 18.7379, -36.8270



37.4820, -0.7306, 47.8123



35.8360, -4.8491, -31.4282

# Square

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



37.4820, -0.7306, 47.8123



41.9410, -20.6769, 5.3137



39.7290, 7.5286, -34.8423



37.7010, 30.2204, -33.0638



# Rectangle

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



37.4820, -0.7306, 47.8123



42.3940, -20.9002, 30.3495



39.7290, 7.5286, -34.8423



42.3000, 24.9951, -37.0971

# Sweetspot

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



37.4820, -0.7306, 47.8123



98.1210, -0.0597, 19.1879



35.7930, 27.7101, 25.6145



48.3650, -0.1799, 11.0809



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000



# Same Dimension

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



37.4820, -0.7306, 47.8123



40.2120, -1.0905, 69.9741



42.7360, -16.1388, 43.2045



42.7230, 0.1366, 2.8739



36.8800, -0.9268, 64.1262



79.4130, -2.1756, 138.2038



# Inverse Universe

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



37.4820, -0.7306, 47.8123



40.2120, -1.0905, 69.9741



59.2640, 16.1388, -43.2045



42.7230, 0.1366, 2.8739



36.8800, -0.9268, 64.1262

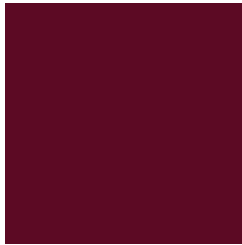


79.4130, -2.1756, 138.2038



# Previews

## White Background



This preview shows how the YUV color 37.4820, -0.7306, 47.8123 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

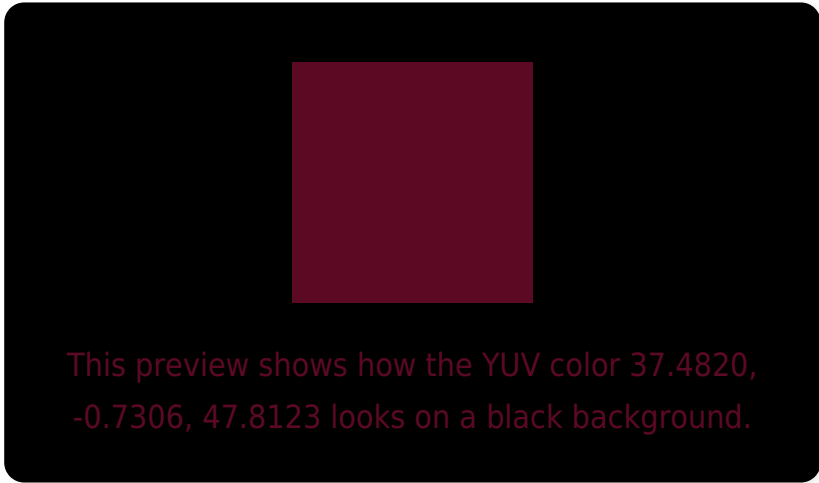
Any Text WCAG AA ✓ Pass

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 37.4820, -0.7306, 47.8123**

## **Background**



This preview shows how black text looks on a background with the YUV color 37.4820, -0.7306, 47.8123.



This preview shows how white text looks on a background with the YUV color 37.4820, -0.7306,



# 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

37.4820, -0.7306, 47.8123

### Protanopia

47.5700, 2.1840, -0.4999

### Deuteranopia

47.6930, -7.7366, 8.1622



## Tritanopia

39.0120, -11.3449, 45.5935

# Trichromacy



## Original Color

37.4820, -0.7306, 47.8123

## Protanomaly

44.0390, 0.9668, 16.6288

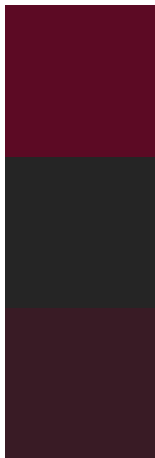
## Deuteranomaly

44.0630, -5.4541, 22.7467

## Tritanomaly

38.0490, -7.4192, 46.4380

# Monochromacy



## Original Color

37.4820, -0.7306, 47.8123

## Achromatopsia

37.0000, 0.0000, 0.0000

## Achromatomaly

37.1100, -0.0542, 17.4435

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 37.4820, -0.7306, 47.8123 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(92, 10, 36)` looks like.

```
.text, #text, p{  
    color:rgb(92, 10, 36)  
}
```

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(92, 10, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 10, 36) }
```

## Border

The CSS property to change the border of an element to YUV 37.4820, -0.7306, 47.8123 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(92, 10, 36) }
```



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

```
.border{ border-color:rgb(92, 10, 36) }
```

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

Here you see how a box with a 4 pixel rgb(92, 10, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 10, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 10, 36);  
box-shadow:4px 4px 4px 4px rgb(92, 10, 36)  
}
```

# Background

The CSS property to change the background color of an element to YUV 37.4820, -0.7306, 47.8123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 10, 36) }
```

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

```
.background{ background-color: rgb(92, 10,  
36) }
```

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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