

Converting Colors

YUV(75.3430, -37.1441,
13.7312)

Have a look what the booklet for
YUV(75.3430, -37.1441, 13.7312)
contains.

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Color

**YUV(75.3430, -37.1441,
13.7312)**

Conversions

Conversions Part 1

Format	Color
Hex	5B5200
RGB	91, 82, 0
RGB Percent	36%, 32%, 0%
CMY	0.6431, 0.6784, 1.0000
CMYK	0.00, 0.10, 1.00, 0.64
HSL	54°, 100%, 18%
HSV	54°, 100%, 36%
XYZ	7.3317, 8.2587, 1.2077
YIQ	75.3430, 31.6860, -23.5940

Conversions

Conversions Part 2

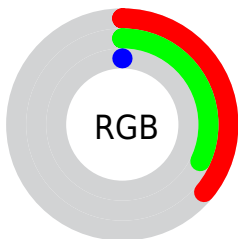
Format	Color
RYB	10, 91, 0
Decimal	5984768
CIELab	34.52, -4.90, 42.49
CIELCh	35, 42.775, 96.576
Yxy	8.2587, 0.4365, 0.4916
Android (android.graphics.Color)	4284174848 (0xFF5B5200)
YUV	75.3430, -37.1441, 13.7312
Hunter-Lab	28.7380, -4.7524, 17.6250

Details

The YUV color **75.3430, -37.1441, 13.7312** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **15.6570, 37.1441, -13.7312**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.1090, -35.5497, 15.6904**, and **34.5650, -17.0405, 5.6435** is the 20% darker color. If you saturate the color by 10%, you get **75.3430, -37.1441, 13.7312**, and if you desaturate by 10%, it is **76.9560, -33.5023, 12.3166**.

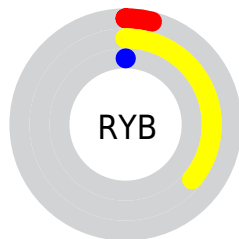
Distribution



Red (36%)

Green (32%)

Blue (0%)



Red (4%)

Yellow (36%)

Blue (0%)

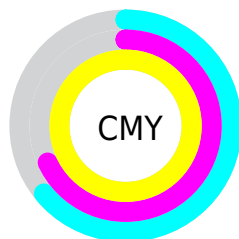


Cyan (0%)

Magenta (10%)

Yellow (100%)

Black (64%)



Cyan (64%)

Magenta (68%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.3430, -37.1441, 13.7312 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 75.3430, -37.1441, 13.7312 by changing the saturation by 10% instead.

75.3430, -37.1441,
13.7312

75.3430, -37.1441,
13.7312

253.4040, -6.1152,
1.3997

54.3670, -26.8029,
10.2021

126.1090,
-35.5497, 15.6904

34.5650, -17.0405,
5.6435

152.5930,
-36.2813, 17.0199

14.1540, -6.9779,
-1.8891

179.6640,
-37.3024, 17.8347

0.0000, 0.0000,
0.0000


207.1480,
-38.0340, 19.1642


235.0230,
-38.4653, 17.5198


246.9060,


-31.0127, 7.0984


 250.0980,
-18.7823, 4.2991


 75.3430, -37.1441,
13.7312

 76.9560, -33.5023,
12.3166

 78.5690, -29.8605,
10.9020

 80.1820, -26.2187,
9.4874

 81.7950, -22.5769,
8.0728

 83.5220, -18.4983,
6.5582

■ 84.5480, -14.5672,
5.6584

■ 86.1610, -10.9254,
4.2438

■ 87.7740, -7.2836,
2.8292

■ 89.3870, -3.6418,
1.4146

Harmonies

Analogous

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



77.6800, -31.3942, 36.2376



75.3430, -37.1441, 13.7312



71.6690, -24.9798, -14.6187

Triad

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



75.3430, -37.1441, 13.7312



70.1460, 25.0710, -61.5180



82.3960, 13.1158, 39.9947

Complementary

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



75.3430, -37.1441, 13.7312



15.6570, 37.1441, -13.7312

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.



83.5150, 25.8751, 7.4413



75.3430, -37.1441, 13.7312



70.3060, 35.8381, -61.6584

Square

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



75.3430, -37.1441, 13.7312



66.9710, 10.3673, -58.7336



65.7070, 41.0634, -57.6250



78.5970, -1.7733, 55.6044

Rectangle

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



75.3430, -37.1441, 13.7312



64.0380, -11.3577, -43.8833



65.7070, 41.0634, -57.6250



82.8940, 17.8003, 30.7880

Sweetspot

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



75.3430, -37.1441, 13.7312



111.2490, -14.4198, 5.0436



28.2350, -9.4829, 55.0449



55.4320, -8.5940, 3.1291



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



75.3430, -37.1441, 13.7312



97.2050, -47.9221, 17.3602



69.8620, -34.4420, -13.0340



44.8430, -1.8946, 1.0147



91.0030, -44.8645, 16.6604



196.4810, -96.8651, 35.5352

Inverse Universe

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



15.6570, 37.1441, -13.7312



20.3820, 47.6327, -17.8750



21.1380, 34.4420, 13.0340



42.1570, 1.8946, -1.0147



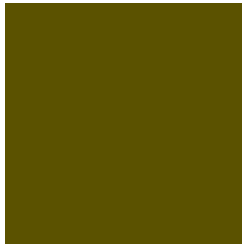
18.9970, 44.8645, -16.6604



40.5190, 96.8651, -35.5352

Previews

White Background



This preview shows how the YUV color 75.3430, -37.1441, 13.7312 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



This preview shows how the YUV color 75.3430, -37.1441, 13.7312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

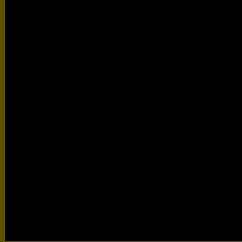
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.3430, -37.1441, 13.7312

Background



This preview shows how black text looks on a background with the YUV color 75.3430, -37.1441, 13.7312.



This preview shows how white text looks on a background with the YUV color 75.3430, -37.1441,

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



Protanopia

75.6420, -37.2915, 14.3460

Deuteranopia

77.2500, -32.6613, 22.5828

Tritanopia

82.6640, -0.3274, 11.6957

Trichromacy



Protanomaly

75.6420, -37.2915, 14.3460

Deuteranomaly

76.7720, -34.3976, 19.4940

Tritanomaly

79.8200, -13.7153, 12.4359

Monochromacy



Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.4770, -13.5462, 4.8437

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.3430, -37.1441, 13.7312 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(91, 82, 0)` looks like.

```
.text, #text, p{  
    color:rgb(91, 82, 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(91, 82, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 82, 0) }
```

Border

The CSS property to change the border of an element to YUV 75.3430, -37.1441, 13.7312 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(91, 82, 0) }
```

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

```
.border{ border-color:rgb(91, 82, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 82, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 82, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(91, 82, 0); box-shadow:4px  
4px 4px 4px rgb(91, 82, 0) }
```


Background

The CSS property to change the background color of an element to YUV 75.3430, -37.1441, 13.7312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 82, 0) }
```

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

```
.background{ background-color: rgb(91, 82,  
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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