

# Converting Colors

YUV(89.2730, -37.6026,  
20.8086)

Have a look what the booklet for  
YUV(89.2730, -37.6026, 20.8086)  
contains.

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# Color

**YUV(89.2730, -37.6026,  
20.8086)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	715C0D
RGB	113, 92, 13
RGB Percent	44%, 36%, 5%
CMY	0.5569, 0.6392, 0.9490
CMYK	0.00, 0.19, 0.88, 0.56
HSL	47°, 79%, 25%
HSV	47°, 88%, 44%
XYZ	10.7098, 11.1941, 1.9770
YIQ	89.2730, 37.8750, -20.1170

# Conversions

## Conversions Part 2

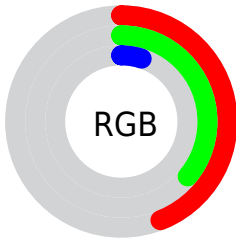
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 113, 13
Decimal	7429133
CIE Lab	39.91, 0.53, 43.82
CIE LCh	40, 43.825, 89.308
Yxy	11.1941, 0.4485, 0.4687
Android (android.graphics.Color)	4285619213 (0xFF715C0D)
YUV	89.2730, -37.6026, 20.8086
Hunter-Lab	33.4575, -1.4123, 19.9169

# Details

The YUV color **89.2730, -37.6026, 20.8086** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **36.7270, 37.6026, -20.8086**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.9960, -37.4660, 23.6825**, and **45.8280, -22.5932, 13.3058** is the 20% darker color. If you saturate the color by 10%, you get **86.8450, -41.8286, 22.9379**, and if you desaturate by 10%, it is **91.7010, -33.3766, 18.6792**.

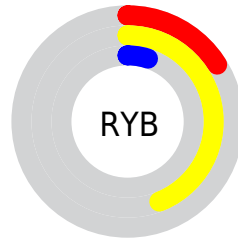
# Distribution



Red (44%)

Green (36%)

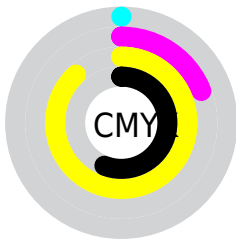
Blue (5%)



Red (16%)

Yellow (44%)

Blue (5%)

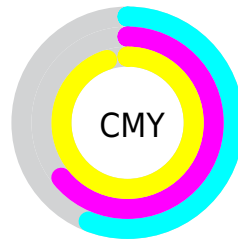


Cyan (0%)

Magenta (19%)

Yellow (88%)

Black (56%)



Cyan (56%)

Magenta (64%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 89.2730, -37.6026, 20.8086 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 89.2730, -37.6026, 20.8086 by changing the saturation by 10% instead.



89.2730, -37.6026,  
20.8086

89.2730, -37.6026,  
20.8086

254.8860, -0.4368,  
0.1000

66.5160, -32.7924,  
17.9645

140.9960,  
-37.4660, 23.6825

45.8280, -22.5932,  
13.3058

167.4800,  
-38.1976, 25.0120

26.0260, -12.8308,  
8.7472

195.1490,  
-39.5135, 27.0563

0.0000, 0.0000,  
0.0000

223.3340,  
-40.0977, 27.7711

243.4350,  
-36.6965, 10.1425

248.3880,

-25.3343, 5.7987

■ 251.5800,  
-13.1039, 2.9993

■ 89.2730, -37.6026,  
20.8086

■ 89.2730, -37.6026,  
20.8086

■ 86.8450, -41.8286,  
22.9379

■ 91.7010, -33.3766,  
18.6792

■ 86.0300, -42.4128,  
23.6527

■ 94.8300, -29.0032,  
15.9351

■ 97.2580, -24.7772,  
13.8057

■ 99.6860, -20.5512,  
11.6764

■ 102.8150,  
-16.1778, 8.9322

■ 105.2430,  
-11.9518, 6.8029

■ 108.2580, -8.0152,  
4.1587

■ 110.6860, -3.7892,  
2.0294

■ 113.2280, 0.8736,  
-0.2000

# Harmonies

## Analogous

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



91.1800, -29.6687, 42.8151



89.2730, -37.6026, 20.8086



86.0460, -30.0957, -7.0563

# Triad

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



89.2730, -37.6026, 20.8086



79.7490, 23.7877, -69.9399



96.1010, 17.2052, 34.9914

# Complementary

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



89.2730, -37.6026, 20.8086



36.7270, 37.6026, -20.8086

# 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.



95.3010, 30.4176, -2.8950



89.2730, -37.6026, 20.8086



80.4790, 36.7389, -70.5801

# Square

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



89.2730, -37.6026, 20.8086



75.6450, 8.0630, -66.3407



76.4500, 44.1482, -67.0466



93.1070, 1.4262, 56.0342



# Rectangle

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



89.2730, -37.6026, 20.8086



81.6930, -18.0896, -31.3028



76.4500, 44.1482, -67.0466



96.8870, 21.7477, 24.6551

# Sweetspot

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



89.2730, -37.6026, 20.8086



138.7440, -15.1568, 8.1175



45.4080, -5.1311, 59.2782



68.3290, -9.0362, 4.9735



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000



# Same Dimension

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



89.2730, -37.6026, 20.8086



112.9310, -55.6750, 30.7555



93.2280, -39.5524, -7.2160



54.7290, -2.3314, 1.1147



91.6450, -45.1810, 24.8673



188.3180, -92.8408, 51.4641



# Inverse Universe

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



36.7270, 37.6026, -20.8086



35.0690, 55.6750, -30.7555



32.7720, 39.5524, 7.2160



51.8580, 2.0420, -1.6295



28.3550, 45.1810, -24.8673

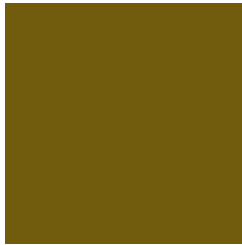


58.6820, 92.8408, -51.4641



# Previews

## White Background



This preview shows how the YUV color 89.2730, -37.6026, 20.8086 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 × Fail



# Black Background



This preview shows how the YUV color 89.2730, -37.6026, 20.8086 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

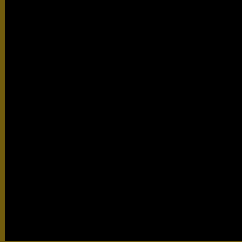
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 89.2730, -37.6026, 20.8086

## Background



This preview shows how black text looks on a background with the YUV color 89.2730, -37.6026, 20.8086.



This preview shows how white text looks on a background with the YUV color 89.2730, -37.6026,



# 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

89.2730, -37.6026, 20.8086

### Protanopia

89.0550, -37.0021, 14.8608

### Deuteranopia

89.5340, -36.7453, 25.8417



## Tritanopia

96.2520, -2.0962, 19.0730

# Trichromacy



## Original Color

89.2730, -37.6026, 20.8086

## Protanomaly

89.3650, -37.1549, 17.2199

## Deuteranomaly

89.4090, -37.1766, 24.1973

## Tritanomaly

93.5220, -15.0473, 19.7132

# Monochromacy



## Original Color

89.2730, -37.6026, 20.8086

## Achromatopsia

89.0000, 0.0000, 0.0000

## Achromatomaly

89.0860, -13.8464, 7.8176

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 89.2730, -37.6026, 20.8086 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(113, 92, 13)` looks like.

```
.text, #text, p{  
    color:rgb(113, 92, 13)  
}
```

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(113, 92, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 92, 13) }
```

## Border

The CSS property to change the border of an element to YUV 89.2730, -37.6026, 20.8086 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(113, 92, 13) }
```



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

```
.border{ border-color:rgb(113, 92, 13) }
```

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

Here you see how a box with a 4 pixel rgb(113, 92, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 92, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 92, 13);  
box-shadow:4px 4px 4px 4px rgb(113, 92,  
13) }
```

# Background

The CSS property to change the background color of an element to YUV 89.2730, -37.6026, 20.8086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 92, 13) }
```

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

```
.background{ background-color: rgb(113, 92,  
13) }
```

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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