

Converting Colors

YUV(121.8070, -37.3729,
40.5113)

Have a look what the booklet for
YUV(121.8070, -37.3729, 40.5113)
contains.

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Color

**YUV(121.8070, -37.3729,
40.5113)**

Conversions

Conversions Part 1

Format	Color
Hex	A8712E
RGB	168, 113, 46
RGB Percent	66%, 44%, 18%
CMY	0.3412, 0.5569, 0.8196
CMYK	0.00, 0.33, 0.73, 0.34
HSL	33°, 57%, 42%
HSV	33°, 73%, 66%
XYZ	22.5467, 20.3323, 5.3210
YIQ	121.8070, 54.2870, -9.1770

Conversions

Conversions Part 2

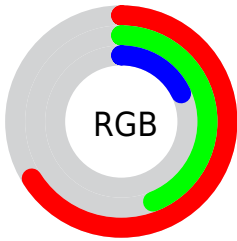
Format	Color
R _Y B	146, 168, 46
Decimal	11039022
CIE Lab	52.21, 15.50, 44.48
CIE LCh	52, 47.109, 70.784
Yxy	20.3323, 0.4678, 0.4218
Android (android.graphics.Color)	4289229102 (0xFFA8712E)
YUV	121.8070, -37.3729, 40.5113
Hunter-Lab	45.0914, 10.3441, 24.5675

Details

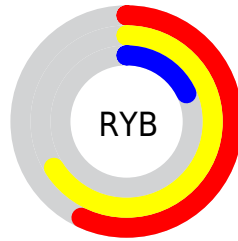
The YUV color **121.8070, -37.3729, 40.5113** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **92.1930, 37.3729, -40.5113**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.6720, -39.2783, 45.0147**, and **71.3440, -35.1726, 34.7783** is the 20% darker color. If you saturate the color by 10%, you get **115.1730, -42.4833, 46.3293**, and if you desaturate by 10%, it is **128.4410, -32.2624, 34.6932**.

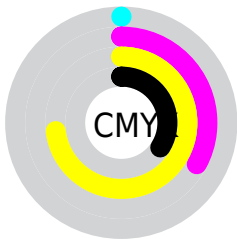
Distribution



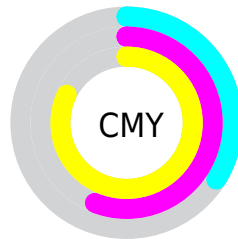
- Red (66%)
- Green (44%)
- Blue (18%)



- Red (57%)
- Yellow (66%)
- Blue (18%)



- Cyan (0%)
- Magenta (33%)
- Yellow (73%)
- Black (34%)



- Cyan (34%)
- Magenta (56%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.8070, -37.3729, 40.5113 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 121.8070, -37.3729, 40.5113 by changing the saturation by 10% instead.

121.8070,
-37.3729, 40.5113

121.8070,
-37.3729, 40.5113

255.0000, 0.0000,
0.0000

95.6110, -36.7832,
38.0522

175.6720,
-39.2783, 45.0147

71.3440, -35.1726,
34.7783

202.7430,
-40.2993, 45.8294

50.3570, -24.8260,
29.5049

222.2570,
-36.6087, 28.7156

29.9570, -14.7688,
23.7167

241.7710,
-32.9181, 11.6018

10.1660, -5.0118,
20.9024

249.0720,
-22.7135, 5.1989

0.0000, 0.0000,
0.0000

252.2640,

-10.4832, 2.3995

■ 121.8070,
-37.3729, 40.5113

■ 121.8070,
-37.3729, 40.5113

■ 115.1730,
-42.4833, 46.3293

■ 128.4410,
-32.2624, 34.6932

■ 109.1260,
-47.8831, 51.6325

■ 134.4880,
-26.8626, 29.3900

■ 104.2360,
-51.3883, 55.9210

■ 141.0080,
-22.1889, 23.6720

■ 147.0550,
-16.7891, 18.3688

■ 153.6890,
-11.6787, 12.5507

■ 159.7360, -6.2788,
7.2475

■ 166.3700, -1.1684,
1.4295

■ 172.8900, 3.5052,
-4.2885

■ 178.9370, 8.9051,
-9.5917

Harmonies

Analogous

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



123.3700, -24.3394, 60.1885



121.8070, -37.3729, 40.5113



118.7620, -39.3227, 12.4867

Triad

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



121.8070, -37.3729, 40.5113



100.2600, 18.6058, -87.9280



128.2540, 28.4688, 15.5632

Complementary

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



121.8070, -37.3729, 40.5113



92.1930, 37.3729, -40.5113

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.



118.7680, 42.0194, -37.5075



121.8070, -37.3729, 40.5113



104.0050, 35.4935, -91.2124

Square

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



121.8070, -37.3729, 40.5113



94.8850, 0.5497, -83.2141



102.6320, 48.0024, -90.0083



127.2340, 12.2096, 50.6608

Rectangle

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



121.8070, -37.3729, 40.5113



115.8670, -31.9794, -9.5304



102.6320, 48.0024, -90.0083



126.4200, 33.3169, 0.5087

Sweetspot

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



121.8070, -37.3729, 40.5113



201.2010, -14.8891, 15.6097



88.9760, 6.9138, 69.3040



99.0630, -8.9051, 9.5917



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



121.8070, -37.3729, 40.5113



146.8580, -58.1040, 63.2685



152.8960, -52.6997, 9.7382



80.7400, -2.3368, 2.8590



91.7990, -45.2569, 49.2883



12.4370, -6.1314, 6.6328

Inverse Universe

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



92.1930, 37.3729, -40.5113



101.1420, 58.1040, -63.2685



61.1040, 52.6997, -9.7382



79.2600, 2.3368, -2.8590



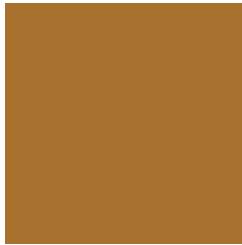
56.2010, 45.2569, -49.2883



7.5630, 6.1314, -6.6328

Previews

White Background



This preview shows how the YUV color 121.8070, -37.3729, 40.5113 looks on a white background.

Color Contrast Check

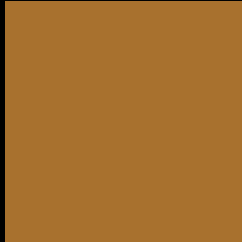
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 121.8070, -37.3729, 40.5113 looks on a black 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

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

YUV 121.8070, -37.3729, 40.5113

Background



This preview shows how black text looks on a background with the YUV color 121.8070, -37.3729, 40.5113.



This preview shows how white text looks on a background with the YUV color 121.8070, -37.3729, 40.5113.

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

121.8070, -37.3729, 40.5113

Protanopia

120.5220, -35.2603, 16.2052

Deuteranopia

121.5130, -38.2139, 30.2451



Tritanopia

126.6460, -6.2345, 39.7755

Trichromacy



Original Color

121.8070, -37.3729, 40.5113

Protanomaly

121.3490, -36.1611, 25.1269

Deuteranomaly

121.6490, -37.7880, 33.6338

Tritanomaly

125.2580, -17.8752, 40.1157

Monochromacy



Original Color

121.8070, -37.3729, 40.5113

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.1300, -13.8681, 14.7950

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.8070, -37.3729, 40.5113 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(168, 113, 46)` looks like.

```
.text, #text, p{  
    color:rgb(168, 113, 46)  
}
```

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(168, 113, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 113, 46) }
```

Border

The CSS property to change the border of an element to YUV 121.8070, -37.3729, 40.5113 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(168, 113, 46) }
```


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

```
.border{ border-color:rgb(168, 113, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 113, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 113, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 113, 46);  
box-shadow:4px 4px 4px 4px rgb(168, 113,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 121.8070, -37.3729, 40.5113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 113, 46) }
```

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

```
.background{ background-color: rgb(168,  
113, 46) }
```

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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