

Converting Colors

YUV(137.2930, -47.9654,
31.3150)

Have a look what the booklet for
YUV(137.2930, -47.9654, 31.3150)
contains.

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Color

**YUV(137.2930, -47.9654,
31.3150)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8A28
RGB	173, 138, 40
RGB Percent	68%, 54%, 16%
CMY	0.3216, 0.4588, 0.8431
CMYK	0.00, 0.20, 0.77, 0.32
HSL	44°, 62%, 42%
HSV	44°, 77%, 68%
XYZ	26.7051, 27.2144, 5.8529
YIQ	137.2930, 52.3180, -23.0580

Conversions

Conversions Part 2

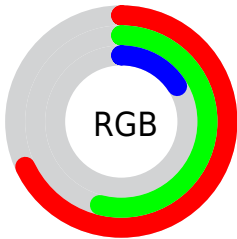
Format	Color
R_{YB}	88, 173, 40
Decimal	11373096
CIE _{Lab}	59.17, 3.46, 54.13
CIE _{LCh}	59, 54.238, 86.338
Yxy	27.2144, 0.4468, 0.4553
Android (android.graphics.Color)	4289563176 (0xFFAD8A28)
YUV	137.2930, -47.9654, 31.3150
Hunter-Lab	52.1674, 0.0831, 29.8652

Details

The YUV color **137.2930, -47.9654, 31.3150** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **75.7070, 47.9654, -31.3150**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.0870, -48.8499, 35.0037**, and **86.3400, -42.5656, 26.0118** is the 20% darker color. If you saturate the color by 10%, you get **132.4200, -53.9441, 35.5887**, and if you desaturate by 10%, it is **142.1660, -41.9868, 27.0414**.

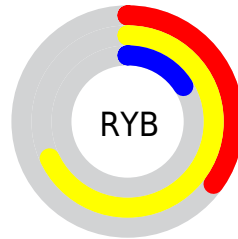
Distribution



Red (68%)

Green (54%)

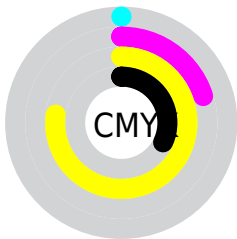
Blue (16%)



Red (35%)

Yellow (68%)

Blue (16%)

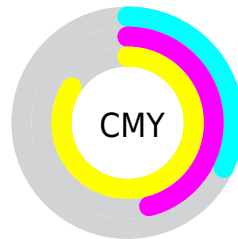


Cyan (0%)

Magenta (20%)

Yellow (77%)

Black (32%)



Cyan (32%)

Magenta (46%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.2930, -47.9654, 31.3150 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 137.2930, -47.9654, 31.3150 by changing the saturation by 10% instead.

■ 137.2930,
-47.9654, 31.3150

■ 137.2930,
-47.9654, 31.3150

■ 255.0000, 0.0000,
0.0000

■ 110.1850,
-50.8702, 29.6558

■ 192.0870,
-48.8499, 35.0037

■ 86.3400, -42.5656,
26.0118

■ 218.3640,
-48.9865, 32.1298

■ 64.7660, -31.9296,
21.2532

■ 237.8780,
-45.2959, 15.0160

■ 44.6650, -22.0198,
16.0798

■ 245.6520,
-35.8174, 8.1982

■ 24.5640, -12.1101,
10.9064

■ 248.8440,
-23.5871, 5.3988

■ 0.0000, 0.0000,
0.0000

■ 252.1500,

-10.9200, 2.4994

■ 137.2930,
-47.9654, 31.3150

■ 137.2930,
-47.9654, 31.3150

■ 132.4200,
-53.9441, 35.5887

■ 142.1660,
-41.9868, 27.0414

■ 128.0200,
-60.6489, 39.4475

■ 146.5660,
-35.2820, 23.1826

■ 126.2760,
-62.2541, 40.9769

■ 151.4390,
-29.3034, 18.9090

■ 155.7250,
-23.0354, 15.1502

■ 160.7120,
-16.6200, 10.7766

■ 164.9980,
-10.3520, 7.0178

■ 169.8710, -4.3734,
2.7441

■ 174.1570, 1.8946,
-1.0147

■ 179.1440, 8.3100,
-5.3883

Harmonies

Analogous

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



140.1130, -38.0167, 60.4139



137.2930, -47.9654, 31.3150



132.8970, -40.8682, -5.1717

Triad

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



137.2930, -47.9654, 31.3150



117.7170, 32.1845, -103.2378



146.3930, 24.4563, 42.6283

Complementary

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



137.2930, -47.9654, 31.3150



75.7070, 47.9654, -31.3150

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.



143.5420, 41.6378, -8.3683



137.2930, -47.9654, 31.3150



119.1140, 50.2298, -104.4630

Square

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



137.2930, -47.9654, 31.3150



112.2450, 11.2182, -98.4389



115.0680, 60.1125, -100.9146



142.4880, 3.7034, 72.3630

Rectangle

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



137.2930, -47.9654, 31.3150



127.9670, -27.0987, -35.0511



115.0680, 60.1125, -100.9146



146.9010, 30.6148, 27.2738

Sweetspot

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



137.2930, -47.9654, 31.3150



210.5550, -18.5146, 11.7913



83.7570, -4.3172, 78.2661



103.7700, -11.2256, 7.2177



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



137.2930, -47.9654, 31.3150



168.8180, -74.3533, 48.3946



148.5690, -53.5245, -5.7610



84.2130, -3.0630, 2.4442



110.0070, -54.2335, 35.0739



16.8560, -8.3100, 5.3883

Inverse Universe

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



75.7070, 47.9654, -31.3150



73.1820, 74.3533, -48.3946



64.4310, 53.5245, 5.7610



80.2000, 3.3524, -1.9294



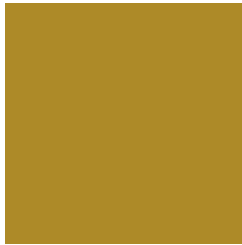
40.5800, 53.9441, -35.5887



6.1440, 8.3100, -5.3883

Previews

White Background



This preview shows how the YUV color 137.2930, -47.9654, 31.3150 looks on a white background.

Color Contrast Check

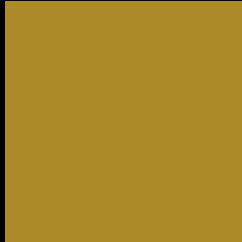
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.2930, -47.9654, 31.3150 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 137.2930, -47.9654, 31.3150

Background



This preview shows how black text looks on a background with the YUV color 137.2930, -47.9654, 31.3150.



This preview shows how white text looks on a background with the YUV color 137.2930, -47.9654, 31.3150.

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

137.2930, -47.9654, 31.3150

Protanopia

136.4550, -47.0593, 20.6490

Deuteranopia

137.4400, -47.5449, 36.4481



Tritanopia

145.3890, -3.1498, 30.3538

Trichromacy



Original Color

137.2930, -47.9654, 31.3150

Protanomaly

136.7760, -47.2176, 24.7524

Deuteranomaly

137.4290, -47.5395, 34.7038

Tritanomaly

142.1490, -19.3005, 30.5643

Monochromacy



Original Color

137.2930, -47.9654, 31.3150

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.8970, -17.2042, 11.4913

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.2930, -47.9654, 31.3150 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(173, 138, 40)` looks like.

```
.text, #text, p{  
    color:rgb(173, 138, 40)  
}
```

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(173, 138, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 138, 40) }
```

Border

The CSS property to change the border of an element to YUV 137.2930, -47.9654, 31.3150 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(173, 138, 40) }
```


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

```
.border{ border-color:rgb(173, 138, 40) }
```

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

Here you see how a box with a 4 pixel rgb(173, 138, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 138, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 138, 40);  
box-shadow:4px 4px 4px 4px rgb(173, 138,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 137.2930, -47.9654, 31.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 138, 40) }
```

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

```
.background{ background-color: rgb(173,  
138, 40) }
```

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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