

Converting Colors

YUV(169.1100, -37.0292,
23.5825)

Have a look what the booklet for
YUV(169.1100, -37.0292, 23.5825)
contains.

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Color

**YUV(169.1100, -37.0292,
23.5825)**

Conversions

Conversions Part 1

Format	Color
Hex	C4AA5E
RGB	196, 170, 94
RGB Percent	77%, 67%, 37%
CMY	0.2314, 0.3333, 0.6314
CMYK	0.00, 0.13, 0.52, 0.23
HSL	45°, 46%, 57%
HSV	45°, 52%, 77%
XYZ	39.1601, 41.2934, 16.4961
YIQ	169.1100, 39.8920, -18.1240

Conversions

Conversions Part 2

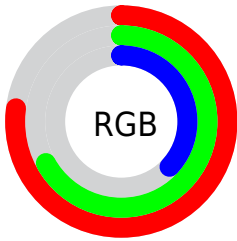
Format	Color
RYB	129, 196, 94
Decimal	12888670
CIELab	70.38, -0.28, 42.31
CIELCh	70, 42.314, 90.377
Yxy	41.2934, 0.4039, 0.4259
Android (android.graphics.Color)	4291078750 (0xFFC4AA5E)
YUV	169.1100, -37.0292, 23.5825
Hunter-Lab	64.2599, -3.6768, 29.7616

Details

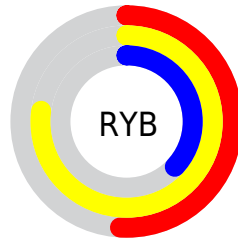
The YUV color **169.1100, -37.0292, 23.5825** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **120.8900, 37.0292, -23.5825**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.6650, -38.7818, 25.7268**, and **116.1420, -35.5660, 20.9235** is the 20% darker color. If you saturate the color by 10%, you get **163.8950, -44.3182, 28.1561**, and if you desaturate by 10%, it is **174.3250, -29.7402, 19.0090**.

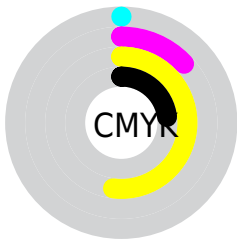
Distribution



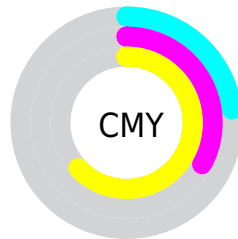
- Red (77%)
- Green (67%)
- Blue (37%)



- Red (51%)
- Yellow (77%)
- Blue (37%)



- Cyan (0%)
- Magenta (13%)
- Yellow (52%)
- Black (23%)



- Cyan (23%)
- Magenta (33%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.1100, -37.0292, 23.5825 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 169.1100, -37.0292, 23.5825 by changing the saturation by 10% instead.

■ 169.1100,
-37.0292, 23.5825

■ 169.1100,
-37.0292, 23.5825

255.0000, 0.0000,
0.0000

■ 142.6260,
-36.2976, 22.2530

■ 224.6650,
-38.7818, 25.7268

■ 116.1420,
-35.5660, 20.9235

■ 245.0650,
-35.5280, 8.7130

■ 91.1310, -35.5606,
19.1791

■ 248.8440,
-23.5871, 5.3988

■ 67.1030, -33.0818,
17.4497

■ 252.0360,
-11.3567, 2.5994

■ 46.4150, -22.8826,
12.7910

■ 27.2000, -13.4096,
7.7176

■ 1.4730, -0.7262,

-0.4148

■ 0.0000, 0.0000,
0.0000

■ 169.1100,
-37.0292, 23.5825

■ 169.1100,
-37.0292, 23.5825

■ 163.8950,
-44.3182, 28.1561

■ 174.3250,
-29.7402, 19.0090

■ 158.7940,
-51.1704, 32.6297

■ 179.4260,
-22.8880, 14.5354

■ 153.5790,
-58.4594, 37.2032

■ 184.6410,
-15.5990, 9.9618

■ 148.4780,
-65.3117, 41.6768

■ 189.7420, -8.7468,
5.4883

■ 144.3060,
-71.1429, 45.3356

■ 194.9570, -1.4578,
0.9147

■ 200.1720, 5.8312,
-3.6588

■ 205.2730, 12.6834,
-8.1324

■ 210.4880, 19.9724,
-12.7060

■ 213.8790, 20.2727,
-15.6799

Harmonies

Analogous

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



171.5290, -32.3058, 48.6481



169.1100, -37.0292, 23.5825



164.7470, -29.9483, -7.6711

Triad

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



169.1100, -37.0292, 23.5825



136.0570, 36.4539, -119.3220



177.0090, 16.7576, 38.5801

Complementary

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



169.1100, -37.0292, 23.5825



120.8900, 37.0292, -23.5825

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.



174.8500, 31.1330, 1.0086



169.1100, -37.0292, 23.5825



136.3140, 50.1312, -119.5474

Square

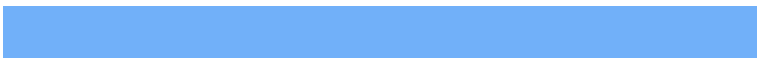
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



169.1100, -37.0292, 23.5825



145.3540, 12.6435, -88.8875



165.4850, 41.1729, -46.0293



175.1460, -1.0580, 59.5080

Rectangle

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



169.1100, -37.0292, 23.5825



161.3510, -19.4000, -31.0028



165.4850, 41.1729, -46.0293



176.7240, 22.3211, 27.4291

Sweetspot

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



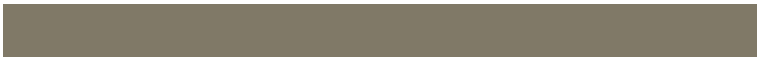
169.1100, -37.0292, 23.5825



244.4560, -15.0148, 9.2471



127.5760, -3.2420, 60.0078



121.0410, -8.8942, 6.1030



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



169.1100, -37.0292, 23.5825



213.5080, -57.4384, 36.3885



177.1960, -41.0156, -4.5569



94.0990, -3.4998, 2.5442



118.5790, -58.4594, 37.2032



24.5420, -12.0992, 7.4177

Inverse Universe

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



120.8900, 37.0292, -23.5825



138.4920, 57.4384, -36.3885



112.8040, 41.0156, 4.5569



89.9010, 3.4998, -2.5442



42.4210, 58.4594, -37.2032



8.4580, 12.0992, -7.4177

Previews

White Background



This preview shows how the YUV color 169.1100, -37.0292, 23.5825 looks on a white background.

Color Contrast Check

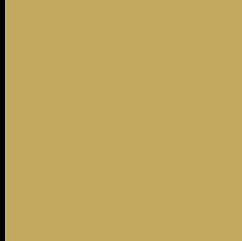
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 169.1100, -37.0292, 23.5825 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 ✓ Pass

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

YUV 169.1100, -37.0292, 23.5825

Background



This preview shows how black text looks on a background with the YUV color 169.1100, -37.0292, 23.5825.



This preview shows how white text looks on a background with the YUV color 169.1100, -37.0292, 23.5825.

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

169.1100, -37.0292, 23.5825

Protanopia

168.3050, -36.1394, 18.1495

Deuteranopia

169.8880, -36.9198, 35.1782



Tritanopia

174.9260, -0.9495, 24.6209

Trichromacy



Original Color

169.1100, -37.0292, 23.5825

Protanomaly

168.6150, -36.2922, 20.5086

Deuteranomaly

169.5670, -36.7615, 31.0747

Tritanomaly

172.4840, -14.0426, 24.1315

Monochromacy



Original Color

169.1100, -37.0292, 23.5825

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.9120, -13.2676, 8.8472

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.1100, -37.0292, 23.5825 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(196, 170, 94)` looks like.

```
.text, #text, p{  
    color:rgb(196, 170, 94)  
}
```

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(196, 170, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 170, 94) }
```

Border

The CSS property to change the border of an element to YUV 169.1100, -37.0292, 23.5825 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(196, 170, 94) }
```


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

```
.border{ border-color:rgb(196, 170, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 170, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 170, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 170, 94);  
box-shadow:4px 4px 4px 4px rgb(196, 170,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 169.1100, -37.0292, 23.5825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 170, 94) }
```

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

```
.background{ background-color: rgb(196,  
170, 94) }
```

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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