

Converting Colors

YUV(137.8700, -49.7289,
36.9480)

Have a look what the booklet for
YUV(137.8700, -49.7289, 36.9480)
contains.

YUV(137.8700, -49.7289, 36.9480)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(137.8700, -49.7289,
36.9480)**

Conversions

Conversions Part 1

Format	Color
Hex	B48825
RGB	180, 136, 37
RGB Percent	71%, 53%, 15%
CMY	0.2941, 0.4667, 0.8549
CMYK	0.00, 0.24, 0.79, 0.29
HSL	42°, 66%, 43%
HSV	42°, 79%, 71%
XYZ	27.9605, 27.4452, 5.5740
YIQ	137.8700, 58.0030, -21.4610

Conversions

Conversions Part 2

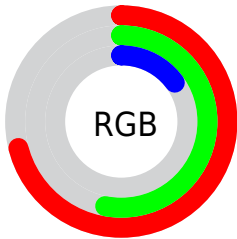
Format	Color
R_{YB}	101, 180, 37
Decimal	11831333
CIE Lab	59.38, 7.60, 55.71
CIE LCh	59, 56.227, 82.227
Yxy	27.4452, 0.4585, 0.4501
Android (android.graphics.Color)	4290021413 (0xFFB48825)
YUV	137.8700, -49.7289, 36.9480
Hunter-Lab	52.3882, 3.5893, 30.3633

Details

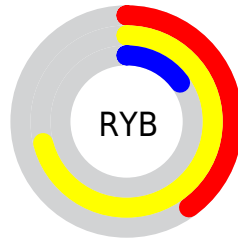
The YUV color **137.8700, -49.7289, 36.9480** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **79.1300, 49.7289, -36.9480**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.9630, -50.7608, 41.2514**, and **87.8460, -43.3081, 30.8301** is the 20% darker color. If you saturate the color by 10%, you get **132.2960, -55.8549, 41.8364**, and if you desaturate by 10%, it is **143.4440, -43.6029, 32.0596**.

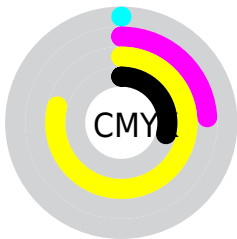
Distribution



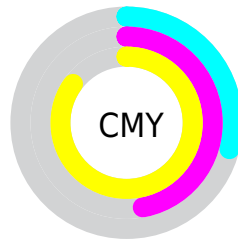
- Red (71%)
- Green (53%)
- Blue (15%)



- Red (40%)
- Yellow (71%)
- Blue (15%)



- Cyan (0%)
- Magenta (24%)
- Yellow (79%)
- Black (29%)



- Cyan (29%)
- Magenta (47%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.8700, -49.7289, 36.9480 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 137.8700, -49.7289, 36.9480 by changing the saturation by 10% instead.

■ 137.8700,
-49.7289, 36.9480

■ 137.8700,
-49.7289, 36.9480

■ 255.0000, 0.0000,
0.0000

■ 110.4200,
-53.9441, 35.5887

■ 192.9630,
-50.7608, 41.2514

■ 87.8460, -43.3081,
30.8301

■ 216.9620,
-49.2813, 33.3593

■ 65.9730, -32.5247,
25.4567

■ 236.3620,
-46.0275, 16.3455

■ 44.9860, -22.1781,
20.1833

■ 245.4240,
-36.6910, 8.3982

■ 25.4720, -12.5577,
14.4951

■ 248.6160,
-24.4607, 5.5988

■ 3.8870, -1.9163,
7.9921

■ 251.9220,

■ 0.0000, 0.0000,

-11.7935, 2.6994

0.0000

■ 137.8700,
-49.7289, 36.9480

■ 137.8700,
-49.7289, 36.9480

■ 132.2960,
-55.8549, 41.8364

■ 143.4440,
-43.6029, 32.0596

■ 127.3090,
-62.2703, 46.2100

■ 148.4310,
-37.1875, 27.6860

■ 127.1950,
-62.7071, 46.3100

■ 154.0050,
-31.0615, 22.7976

■ 158.9920,
-24.6461, 18.4240

■ 164.5660,
-18.5200, 13.5356

■ 169.5530,
-12.1046, 9.1620

■ 175.1270, -5.9786,
4.2736

■ 180.1140, 0.4368,
-0.1000

■ 185.6880, 6.5628,
-4.9884

Harmonies

Analogous

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



140.4880, -36.7226, 65.3470



137.8700, -49.7289, 36.9480



133.3060, -44.5209, -0.2684

Triad

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



137.8700, -49.7289, 36.9480



118.4350, 29.8585, -103.8675



147.2830, 27.9615, 38.3398

Complementary

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



137.8700, -49.7289, 36.9480



79.1300, 49.7289, -36.9480

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.



142.2140, 45.7435, -18.6047



137.8700, -49.7289, 36.9480



120.7610, 48.9248, -105.9074

Square

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



137.8700, -49.7289, 36.9480



112.0340, 7.8712, -98.2538



116.6980, 61.2809, -102.3441



143.1120, 7.3398, 72.6928

Rectangle

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



137.8700, -49.7289, 36.9480



128.5610, -31.3356, -29.4330



116.6980, 61.2809, -102.3441



147.1930, 34.4149, 21.7557

Sweetspot

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



137.8700, -49.7289, 36.9480



217.9360, -19.6884, 14.9651



84.8870, -1.4233, 83.4141



107.2540, -11.9572, 8.5472



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



137.8700, -49.7289, 36.9480



169.0750, -77.4380, 57.8162



155.9240, -58.6295, -1.6873



86.8000, -3.3524, 1.9294



107.9690, -53.2287, 39.4922



18.3400, -9.0416, 6.7178

Inverse Universe

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



79.1300, 49.7289, -36.9480



77.3380, 77.7274, -57.3014



61.0760, 58.6295, 1.6873



82.7870, 3.0630, -2.4442



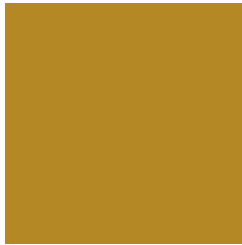
45.0310, 53.2287, -39.4922



7.6600, 9.0416, -6.7178

Previews

White Background



This preview shows how the YUV color 137.8700, -49.7289, 36.9480 looks on a white background.

Color Contrast Check

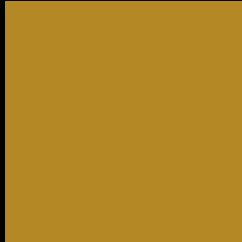
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.8700, -49.7289, 36.9480 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 137.8700, -49.7289, 36.9480

Background



This preview shows how black text looks on a background with the YUV color 137.8700, -49.7289, 36.9480.



This preview shows how white text looks on a background with the YUV color 137.8700, -49.7289, 36.9480.

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

137.8700, -49.7289, 36.9480

Protanopia

137.1130, -48.3697, 20.9489

Deuteranopia

137.8700, -49.7289, 36.9480



Tritanopia

145.7810, -4.3290, 35.2721

Trichromacy



Original Color

137.8700, -49.7289, 36.9480

Protanomaly

137.3310, -48.9702, 26.8967

Deuteranomaly

137.8700, -49.7289, 36.9480

Tritanomaly

142.8400, -20.6271, 36.0973

Monochromacy



Original Color

137.8700, -49.7289, 36.9480

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.6800, -18.0832, 13.4356

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.8700, -49.7289, 36.9480 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(180, 136, 37)` looks like.

```
.text, #text, p{  
    color:rgb(180, 136, 37)  
}
```

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(180, 136, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 136, 37) }
```

Border

The CSS property to change the border of an element to YUV 137.8700, -49.7289, 36.9480 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(180, 136, 37) }
```


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

```
.border{ border-color:rgb(180, 136, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 136, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 136, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 136, 37);  
box-shadow:4px 4px 4px 4px rgb(180, 136,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 137.8700, -49.7289, 36.9480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 136, 37) }
```

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

```
.background{ background-color: rgb(180,  
136, 37) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor