

Converting Colors

YUV(137.0170, -29.0954,
45.5891)

Have a look what the booklet for
YUV(137.0170, -29.0954, 45.5891)
contains.

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Color

**YUV(137.0170, -29.0954,
45.5891)**

Conversions

Conversions Part 1

Format	Color
Hex	BD7A4E
RGB	189, 122, 78
RGB Percent	74%, 48%, 31%
CMY	0.2588, 0.5216, 0.6941
CMYK	0.00, 0.35, 0.59, 0.26
HSL	24°, 46%, 52%
HSV	24°, 59%, 74%
XYZ	29.3209, 25.2879, 10.5434
YIQ	137.0170, 54.0560, 0.5200

Conversions

Conversions Part 2

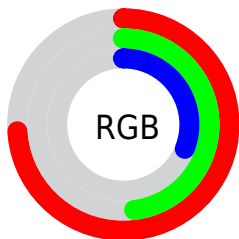
Format	Color
RYB	189, 151, 78
Decimal	12417614
CIELab	57.35, 21.66, 34.63
CIELCh	57, 40.848, 57.978
Yxy	25.2879, 0.4500, 0.3881
Android (android.graphics.Color)	4290607694 (0xFFBD7A4E)
YUV	137.0170, -29.0954, 45.5891
Hunter-Lab	50.2871, 16.0757, 22.7700

Details

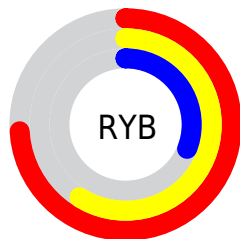
The YUV color **137.0170, -29.0954, 45.5891** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **129.9830, 29.0954, -45.5891**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.4690, -31.2902, 49.5777**, and **85.8530, -27.0425, 40.4709** is the 20% darker color. If you saturate the color by 10%, you get **128.3940, -34.2112, 53.1515**, and if you desaturate by 10%, it is **145.6400, -23.9795, 38.0267**.

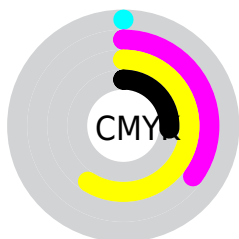
Distribution



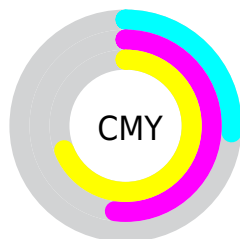
- Red (74%)
- Green (48%)
- Blue (31%)



- Red (74%)
- Yellow (59%)
- Blue (31%)



- Cyan (0%)
- Magenta (35%)
- Yellow (59%)
- Black (26%)



- Cyan (26%)
- Magenta (52%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.0170, -29.0954, 45.5891 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 137.0170, -29.0954, 45.5891 by changing the saturation by 10% instead.

■ 137.0170,
-29.0954, 45.5891

■ 137.0170,
-29.0954, 45.5891

■ 255.0000, 0.0000,
0.0000

■ 110.9350,
-28.0690, 43.0300

■ 191.4690,
-31.2902, 49.5777

■ 85.8530, -27.0425,
40.4709

■ 212.3750,
-28.7789, 37.3821

■ 61.3580, -26.3055,
37.3970

■ 231.8890,
-25.0883, 20.2683

■ 38.8720, -19.1639,
33.4383

■ 249.7560,
-20.0927, 4.5990

■ 18.7710, -9.2541,
28.2648

■ 253.0620, -7.4256,
1.6996

■ 6.5780, -3.2430,
13.5251

■ 0.0000, 0.0000,

0.0000

■ 137.0170,
-29.0954, 45.5891

■ 137.0170,
-29.0954, 45.5891

■ 128.3940,
-34.2112, 53.1515

■ 145.6400,
-23.9795, 38.0267

■ 119.1840,
-39.0377, 61.2286

■ 154.8500,
-19.1530, 29.9496

■ 110.5610,
-44.1536, 68.7910

■ 163.4730,
-14.0372, 22.3872

■ 101.3510,
-48.9800, 76.8682

■ 172.6830, -9.2107,
14.3100

■ 100.5360,
-49.5642, 77.5829

■ 181.3060, -4.0949,
6.7476

■ 189.8150, 0.5842,
-0.7148

■ 199.0250, 5.4107,
-8.7919

■ 207.6480, 10.5265,
-16.3543

■ 216.8580, 15.3530,
-24.4315

Harmonies

Analogous

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



138.2370, -15.8928, 57.6742



137.0170, -29.0954, 45.5891



134.7940, -34.4084, 22.9827

Triad

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



137.0170, -29.0954, 45.5891



106.8480, 13.3859, -93.7057



139.6000, 30.2702, -2.2802

Complementary

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



137.0170, -29.0954, 45.5891



129.9830, 29.0954, -45.5891

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.



128.1100, 39.8788, -50.9625



137.0170, -29.0954, 45.5891



110.3650, 29.4001, -96.7901

Square

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



137.0170, -29.0954, 45.5891



125.3160, -12.9738, -38.8651



111.0950, 42.3512, -97.4303



141.9760, 16.7738, 33.3470

Rectangle

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



137.0170, -29.0954, 45.5891



132.3680, -31.7334, 4.9393



111.0950, 42.3512, -97.4303



137.3100, 33.3712, -16.9349

Sweetspot

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



137.0170, -29.0954, 45.5891



224.1350, -11.4056, 18.2986



118.9410, 13.3401, 61.4417



109.5300, -7.1633, 10.9362



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



137.0170, -29.0954, 45.5891



164.3440, -45.0326, 70.7353



168.7150, -44.7225, 17.7899



90.0390, -2.4842, 3.4738



84.2230, -41.5219, 64.7024



16.3130, -8.0423, 12.8805

Inverse Universe

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



129.9830, 29.0954, -45.5891



153.6560, 45.0326, -70.7353



98.2850, 44.7225, -17.7899



89.5480, 2.1948, -3.9886



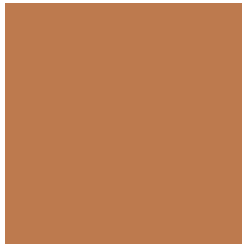
73.7770, 41.5219, -64.7024



14.1000, 8.3317, -12.3657

Previews

White Background



This preview shows how the YUV color 137.0170, -29.0954, 45.5891 looks on a white background.

Color Contrast Check

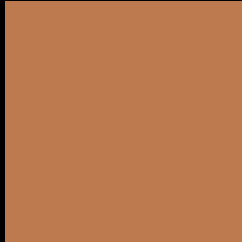
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.0170, -29.0954, 45.5891 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 137.0170, -29.0954, 45.5891

Background



This preview shows how black text looks on a background with the YUV color 137.0170, -29.0954, 45.5891.



This preview shows how white text looks on a background with the YUV color 137.0170, -29.0954,

45.5891.

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

137.0170, -29.0954, 45.5891

Protanopia

135.7310, -25.5034, 13.3909

Deuteranopia

136.6790, -29.9147, 28.3455



Tritanopia

139.7500, -7.2717, 45.8233

Trichromacy



Original Color

137.0170, -29.0954, 45.5891

Protanomaly

136.1670, -26.7043, 25.2865

Deuteranomaly

136.5380, -29.3522, 34.6082

Tritanomaly

138.6870, -15.1287, 45.8785

Monochromacy



Original Color

137.0170, -29.0954, 45.5891

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.3520, -10.5265, 16.3543

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.0170, -29.0954, 45.5891 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(189, 122, 78)` looks like.

```
.text, #text, p{  
    color:rgb(189, 122, 78)  
}
```

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(189, 122, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 122, 78) }
```

Border

The CSS property to change the border of an element to YUV 137.0170, -29.0954, 45.5891 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(189, 122, 78) }
```


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

```
.border{ border-color:rgb(189, 122, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 122, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 122, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 122, 78);  
box-shadow:4px 4px 4px 4px rgb(189, 122,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 137.0170, -29.0954, 45.5891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 122, 78) }
```

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

```
.background{ background-color: rgb(189,  
122, 78) }
```

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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