

Converting Colors

YUV(136.3730, -32.2289,
70.7099)

Have a look what the booklet for
YUV(136.3730, -32.2289, 70.7099)
contains.

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Color

**YUV(136.3730, -32.2289,
70.7099)**

Conversions

Conversions Part 1

Format	Color
Hex	D96C47
RGB	217, 108, 71
RGB Percent	85%, 42%, 28%
CMY	0.1490, 0.5765, 0.7216
CMYK	0.00, 0.50, 0.67, 0.15
HSL	15°, 66%, 56%
HSV	15°, 67%, 85%
XYZ	35.1152, 25.9318, 9.1158
YIQ	136.3730, 76.8410, 11.6010

Conversions

Conversions Part 2

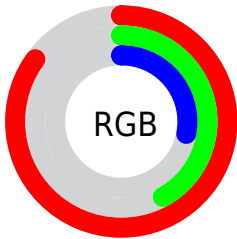
Format	Color
RYB	217, 121, 71
Decimal	14249031
CIELab	57.97, 39.93, 40.05
CIELCh	58, 56.550, 45.083
Yxy	25.9318, 0.5005, 0.3696
Android (android.graphics.Color)	4292439111 (0xFFD96C47)
YUV	136.3730, -32.2289, 70.7099
Hunter-Lab	50.9232, 33.9726, 25.0327

Details

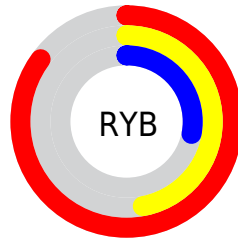
The YUV color **136.3730, -32.2289, 70.7099** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **151.6270, 32.2289, -70.7099**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.5460, -31.3282, 61.7882**, and **82.9530, -28.5708, 64.0622** is the 20% darker color. If you saturate the color by 10%, you get **124.4730, -37.2082, 81.1462**, and if you desaturate by 10%, it is **148.2730, -27.2496, 60.2736**.

Distribution



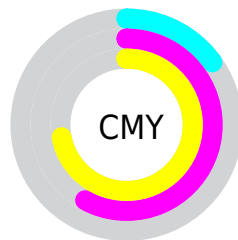
- Red (85%)
- Green (42%)
- Blue (28%)



- Red (85%)
- Yellow (47%)
- Blue (28%)



- Cyan (0%)
- Magenta (50%)
- Yellow (67%)
- Black (15%)



- Cyan (15%)
- Magenta (58%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.3730, -32.2289, 70.7099 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 136.3730, -32.2289, 70.7099 by changing the saturation by 10% instead.

136.3730,
-32.2289, 70.7099

136.3730,
-32.2289, 70.7099

255.0000, 0.0000,
0.0000

109.1060,
-30.6183, 67.4360

184.5460,
-31.3282, 61.7882

82.9530, -28.5708,
64.0622

203.9460,
-28.0744, 44.7744

56.1700, -27.6918,
62.1179

223.4600,
-24.3838, 27.6606

29.3020, -14.4459,
60.2481

243.5610,
-20.9826, 10.0320

20.6310, -10.1711,
42.4196

252.0360,
-11.3567, 2.5994

13.2700, -6.0491,
26.9502

0.0000, 0.0000,

0.0000

■ 136.3730,
-32.2289, 70.7099

■ 136.3730,
-32.2289, 70.7099

■ 124.4730,
-37.2082, 81.1462

■ 148.2730,
-27.2496, 60.2736

■ 112.6870,
-41.7507, 91.4825

■ 160.0590,
-22.7071, 49.9373

■ 100.2000,
-46.4406, 102.4336

■ 172.5460,
-18.0172, 38.9862

■ 97.1680, -47.9038,
105.0927

■ 184.4460,
-13.0379, 28.5499

■ 196.3460, -8.0586,
18.1136

■ 208.1320, -3.5161,
7.7772

■ 220.0320, 1.4632,
-2.6591

■ 232.5190, 6.1531,
-13.6102

■ 243.0510, 5.8909,
-22.8467

Harmonies

Analogous

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



136.8730, -10.2904, 80.7954



136.3730, -32.2289, 70.7099



134.9680, -48.2982, 44.7551

Triad

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



136.3730, -32.2289, 70.7099



107.2750, 2.3294, -94.0802



133.8310, 49.8763, -37.5628

Complementary

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



136.3730, -32.2289, 70.7099



151.6270, 32.2289, -70.7099

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.



116.0140, 58.6601, -101.7443



136.3730, -32.2289, 70.7099



114.3770, 24.4641, -100.3086

Square

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



136.3730, -32.2289, 70.7099



124.0980, -29.1353, -35.1659



117.6320, 44.5514, -103.1633



143.4710, 32.7988, 26.7739

Rectangle

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



136.3730, -32.2289, 70.7099



132.4290, -50.9905, 21.5488



117.6320, 44.5514, -103.1633



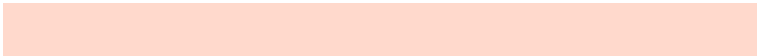
120.9510, 57.7052, -75.3790

Sweetspot

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



136.3730, -32.2289, 70.7099



226.8800, -11.2798, 24.6612



127.1940, 26.5264, 78.7599



110.9650, -6.8847, 14.9397



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.



136.3730, -32.2289, 70.7099



141.0040, -45.8510, 99.9745



179.2240, -53.3544, 33.1296



103.4630, -2.2003, 5.7329



77.5550, -38.2346, 83.7053



20.7980, -10.2534, 22.1022

Inverse Universe

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



151.6270, 32.2289, -70.7099



162.5830, 45.5616, -100.4893



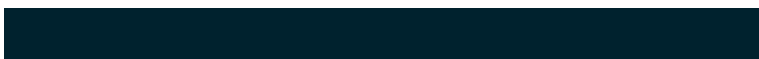
109.3630, 53.0650, -33.6444



104.9500, 2.4896, -5.2182



95.4450, 38.2346, -83.7053



25.2020, 10.2534, -22.1022

Previews

White Background



This preview shows how the YUV color 136.3730, -32.2289, 70.7099 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 136.3730, -32.2289, 70.7099 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 136.3730, -32.2289, 70.7099

Background



This preview shows how black text looks on a background with the YUV color 136.3730, -32.2289, 70.7099.



This preview shows how white text looks on a background with the YUV color 136.3730, -32.2289, 70.7099.

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

136.3730, -32.2289, 70.7099

Protanopia

137.2750, -27.2506, 13.7908

Deuteranopia

137.3220, -35.1617, 31.2896



Tritanopia

138.4820, -14.0416, 70.6143

Trichromacy



Original Color

136.3730, -32.2289, 70.7099

Protanomaly

136.6520, -28.9154, 34.5082

Deuteranomaly

137.0510, -34.0421, 45.5593

Tritanomaly

137.7610, -20.5882, 70.3696

Monochromacy



Original Color

136.3730, -32.2289, 70.7099

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.0650, -11.8640, 25.3760

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.3730, -32.2289, 70.7099 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(217, 108, 71)` looks like.

```
.text, #text, p{  
    color:rgb(217, 108, 71)  
}
```

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(217, 108, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 108, 71) }
```

Border

The CSS property to change the border of an element to YUV 136.3730, -32.2289, 70.7099 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(217, 108, 71) }
```


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

```
.border{ border-color:rgb(217, 108, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 108, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 108, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 108, 71);  
box-shadow:4px 4px 4px 4px rgb(217, 108,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 136.3730, -32.2289, 70.7099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 108, 71) }
```

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

```
.background{ background-color: rgb(217,  
108, 71) }
```

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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