

Converting Colors

YUV(169.3730, -39.1309,
44.3999)

Have a look what the booklet for
YUV(169.3730, -39.1309, 44.3999)
contains.

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Color

**YUV(169.3730, -39.1309,
44.3999)**

Conversions

Conversions Part 1

Format	Color
Hex	DC9F5A
RGB	220, 159, 90
RGB Percent	86%, 62%, 35%
CMY	0.1373, 0.3765, 0.6471
CMYK	0.00, 0.28, 0.59, 0.14
HSL	32°, 65%, 61%
HSV	32°, 59%, 86%
XYZ	43.7588, 40.7501, 15.2321
YIQ	169.3730, 58.5050, -8.5270

Conversions

Conversions Part 2

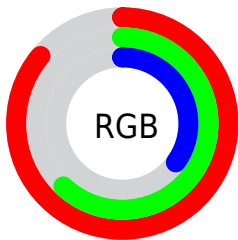
Format	Color
RYP	205, 220, 90
Decimal	14458714
CIELab	70.00, 15.39, 44.45
CIELCh	70, 47.042, 70.904
Yxy	40.7501, 0.4387, 0.4086
Android (android.graphics.Color)	4292648794 (0xFFDC9F5A)
YUV	169.3730, -39.1309, 44.3999
Hunter-Lab	63.8358, 10.6473, 30.5377

Details

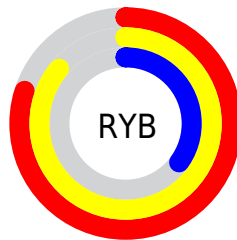
The YUV color **169.3730, -39.1309, 44.3999** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **140.6270, 39.1309, -44.3999**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.0510, -37.4931, 32.4043**, and **116.2090, -37.0780, 39.2817** is the 20% darker color. If you saturate the color by 10%, you get **160.9950, -45.8465, 51.7474**, and if you desaturate by 10%, it is **177.7510, -32.4152, 37.0524**.

Distribution



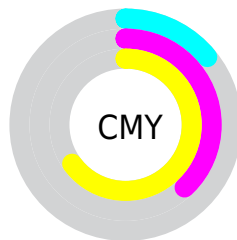
- Red (86%)
- Green (62%)
- Blue (35%)



- Red (80%)
- Yellow (86%)
- Blue (35%)



- Cyan (0%)
- Magenta (28%)
- Yellow (59%)
- Black (14%)



- Cyan (14%)
- Magenta (38%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.3730, -39.1309, 44.3999 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 169.3730, -39.1309, 44.3999 by changing the saturation by 10% instead.

■ 169.3730,
-39.1309, 44.3999

■ 169.3730,
-39.1309, 44.3999

255.0000, 0.0000,
0.0000

■ 142.2910,
-38.1045, 41.8408

■ 218.0510,
-37.4931, 32.4043

■ 116.2090,
-37.0780, 39.2817

■ 237.5650,
-33.8025, 15.2905

■ 90.0840, -37.5094,
37.6373

■ 248.2740,
-25.7711, 5.8987

■ 66.6150, -32.8412,
33.6636

■ 251.5800,
-13.1039, 2.9993

■ 45.6280, -22.4946,
28.3902

254.8860, -0.4368,
0.1000

■ 25.8150, -12.7268,
22.0872

■ 8.7850, -3.8380,

17.7286

■ 0.0000, 0.0000,
0.0000

■ 169.3730,
-39.1309, 44.3999

■ 169.3730,
-39.1309, 44.3999

■ 160.9950,
-45.8465, 51.7474

■ 177.7510,
-32.4152, 37.0524

■ 152.0300,
-52.2728, 59.6097

■ 186.7160,
-25.9890, 29.1901

■ 143.6520,
-58.9884, 66.9572

■ 195.0940,
-19.2733, 21.8426

■ 135.2740,
-65.7041, 74.3047

■ 203.4720,
-12.5577, 14.4951

■ 134.4590,
-66.2883, 75.0195

■ 212.4370, -6.1314,
6.6328

■ 220.8150, 0.5842,
-0.7148

■ 229.1930, 7.2999,
-8.0623

■ 236.9040, 8.9213,
-14.8248

■ 242.7740, 6.0274,
-19.9728

Harmonies

Analogous

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



171.1210, -26.6817, 64.7919



169.3730, -39.1309, 44.3999



166.2460, -40.0543, 13.8163

Triad

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



169.3730, -39.1309, 44.3999



134.4950, 25.3920, -117.9521



175.6070, 29.7737, 17.0077

Complementary

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



169.3730, -39.1309, 44.3999



140.6270, 39.1309, -44.3999

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.



167.7300, 43.0241, -33.0892



169.3730, -39.1309, 44.3999



137.8810, 43.4427, -120.9216

Square

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



169.3730, -39.1309, 44.3999



150.7300, -4.3039, -66.4152



136.0350, 56.6777, -119.3027



175.5440, 12.0568, 53.0199

Rectangle

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



169.3730, -39.1309, 44.3999



162.5250, -33.2898, -9.2304



136.0350, 56.6777, -119.3027



173.7730, 34.6219, 1.9531

Sweetspot

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



169.3730, -39.1309, 44.3999



236.8420, -13.7261, 15.9246



136.0520, 8.3554, 73.6224



116.4760, -8.6157, 10.1065



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.



169.3730, -39.1309, 44.3999



184.4710, -54.4622, 61.8539



204.5820, -56.4889, 11.7676



105.8110, -3.3578, 3.6738



105.7310, -52.1254, 58.9949



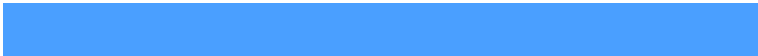
27.8420, -13.7261, 15.9246

Inverse Universe

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



140.6270, 39.1309, -44.3999



144.5290, 54.4622, -61.8539



105.4180, 56.4889, -11.7676



103.1890, 3.3578, -3.6738



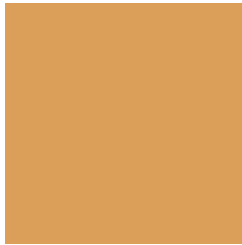
67.2690, 52.1254, -58.9949



18.1580, 13.7261, -15.9246

Previews

White Background



This preview shows how the YUV color 169.3730, -39.1309, 44.3999 looks on a white background.

Color Contrast Check

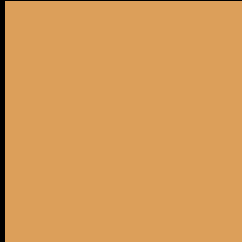
Large Text (above 18pt) WCAG AA × Fail

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 169.3730, -39.1309, 44.3999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

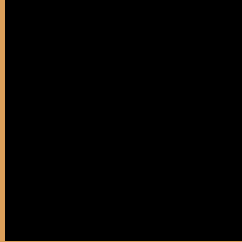
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.3730, -39.1309, 44.3999

Background



This preview shows how black text looks on a background with the YUV color 169.3730, -39.1309, 44.3999.



This preview shows how white text looks on a background with the YUV color 169.3730, -39.1309,

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

169.3730, -39.1309, 44.3999

Protanopia

168.1910, -36.5762, 18.2495

Deuteranopia

168.6170, -39.2512, 36.2929



Tritanopia

174.6790, -6.2507, 45.0085

Trichromacy



Original Color

169.3730, -39.1309, 44.3999

Protanomaly

168.4310, -37.1875, 27.6860

Deuteranomaly

169.2260, -39.5514, 39.2668

Tritanomaly

172.8780, -18.1809, 44.8340

Monochromacy



Original Color

169.3730, -39.1309, 44.3999

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.0270, -14.3103, 16.6393

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.3730, -39.1309, 44.3999 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(220, 159, 90)` looks like.

```
.text, #text, p{  
    color:rgb(220, 159, 90)  
}
```

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(220, 159, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 159, 90) }
```

Border

The CSS property to change the border of an element to YUV 169.3730, -39.1309, 44.3999 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(220, 159, 90) }
```


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

```
.border{ border-color:rgb(220, 159, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 159, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 159, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 159, 90);  
box-shadow:4px 4px 4px 4px rgb(220, 159,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 169.3730, -39.1309, 44.3999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 159, 90) }
```

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

```
.background{ background-color: rgb(220,  
159, 90) }
```

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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