

Converting Colors

YUV(169.9440, -41.8774,
38.6371)

Have a look what the booklet for
YUV(169.9440, -41.8774, 38.6371)
contains.

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Color

**YUV(169.9440, -41.8774,
38.6371)**

Conversions

Conversions Part 1

Format	Color
Hex	D6A455
RGB	214, 164, 85
RGB Percent	84%, 64%, 33%
CMY	0.1608, 0.3569, 0.6667
CMYK	0.00, 0.23, 0.60, 0.16
HSL	37°, 61%, 59%
HSV	37°, 60%, 84%
XYZ	42.6467, 41.5029, 14.3575
YIQ	169.9440, 55.1590, -13.9690

Conversions

Conversions Part 2

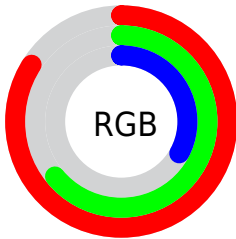
Format	Color
RYB	167, 214, 85
Decimal	14066773
CIELab	70.53, 9.82, 47.39
CIELCh	71, 48.394, 78.290
Yxy	41.5029, 0.4329, 0.4213
Android (android.graphics.Color)	4292256853 (0xFFD6A455)
YUV	169.9440, -41.8774, 38.6371
Hunter-Lab	64.4228, 5.4239, 31.8824

Details

The YUV color **169.9440, -41.8774, 38.6371** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **129.0560, 41.8774, -38.6371**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.4160, -41.1241, 30.3302**, and **116.3780, -40.1194, 34.7485** is the 20% darker color. If you saturate the color by 10%, you get **162.8540, -48.7350, 44.8550**, and if you desaturate by 10%, it is **177.0340, -35.0198, 32.4192**.

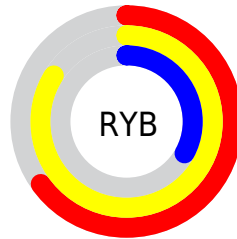
Distribution



Red (84%)

Green (64%)

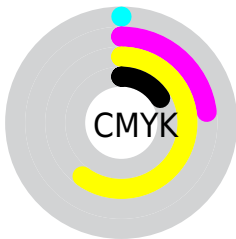
Blue (33%)



Red (65%)

Yellow (84%)

Blue (33%)

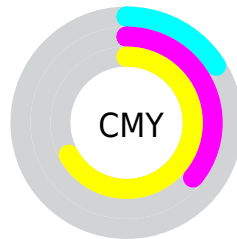


Cyan (0%)

Magenta (23%)

Yellow (60%)

Black (16%)



Cyan (16%)

Magenta (36%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.9440, -41.8774, 38.6371 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 169.9440, -41.8774, 38.6371 by changing the saturation by 10% instead.

■ 169.9440,
-41.8774, 38.6371

■ 169.9440,
-41.8774, 38.6371

255.0000, 0.0000,
0.0000

■ 143.1610,
-40.9984, 36.6928

■ 220.4160,
-41.1241, 30.3302

■ 116.3780,
-40.1194, 34.7485

■ 239.9300,
-37.4335, 13.2164

■ 90.3840, -42.5873,
32.9892

■ 247.8180,
-27.5183, 6.2986

■ 68.0550, -33.5511,
28.0158

■ 251.0100,
-15.2879, 3.4992

■ 47.0680, -23.2045,
22.7424

■ 254.3160, -2.6208,
0.5999

■ 27.5540, -13.5841,
17.0541

■ 6.8770, -3.3904,

14.1399

■ 0.0000, 0.0000,
0.0000

■ 169.9440,
-41.8774, 38.6371

■ 169.9440,
-41.8774, 38.6371

■ 162.8540,
-48.7350, 44.8550

■ 177.0340,
-35.0198, 32.4192

■ 155.0630,
-55.7401, 51.6877

■ 184.8250,
-28.0147, 25.5865

■ 147.9730,
-62.5977, 57.9057

■ 191.9150,
-21.1571, 19.3685

■ 140.8830,
-69.4553, 64.1236

■ 199.1190,
-13.8627, 13.0506

■ 206.2090, -7.0050,
6.8327

■ 213.8860, -0.4368,
0.1000

■ 221.0900, 6.8576,
-6.2179

■ 228.0660, 13.2785,
-12.3359

■ 233.3490, 10.6739,
-16.9691

Harmonies

Analogous

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



172.1440, -31.6230, 63.0177



169.9440, -41.8774, 38.6371



166.0170, -39.4484, 6.1241

Triad

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



169.9440, -41.8774, 38.6371



137.1510, 30.4916, -120.2814



177.7610, 26.2468, 28.2736

Complementary

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



169.9440, -41.8774, 38.6371



129.0560, 41.8774, -38.6371

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.



172.2370, 40.8022, -20.3788



169.9440, -41.8774, 38.6371



139.1350, 48.2474, -122.0214

Square

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



169.9440, -41.8774, 38.6371



145.3730, 3.7601, -86.2731



149.3590, 52.0810, -91.5228



176.4480, 7.6671, 60.9971

Rectangle

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



169.9440, -41.8774, 38.6371



162.5560, -30.3471, -19.7816



149.3590, 52.0810, -91.5228



176.5680, 32.2580, 13.5339

Sweetspot

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



169.9440, -41.8774, 38.6371



239.1900, -14.8837, 13.8654



129.4990, 3.6980, 74.1074



118.2370, -9.4838, 8.5622



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.



169.9440, -41.8774, 38.6371



192.3470, -59.8241, 54.9467



195.4070, -54.4307, 4.9051



103.3980, -3.6472, 3.1590



112.7640, -55.5927, 51.0730



28.7060, -14.1521, 12.5358

Inverse Universe

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



129.0560, 41.8774, -38.6371



134.2400, 59.5347, -55.4615



103.5930, 54.4307, -4.9051



100.1890, 3.3578, -3.6738



58.2360, 55.5927, -51.0730



14.8810, 13.8627, -13.0506

Previews

White Background



This preview shows how the YUV color 169.9440, -41.8774, 38.6371 looks on a white background.

Color Contrast Check

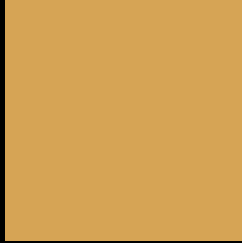
Large Text (above 18pt) WCAG AA × Fail

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 169.9440, -41.8774, 38.6371 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 169.9440, -41.8774, 38.6371

Background



This preview shows how black text looks on a background with the YUV color 169.9440, -41.8774, 38.6371.



This preview shows how white text looks on a background with the YUV color 169.9440, -41.8774, 38.6371.

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

169.9440, -41.8774, 38.6371

Protanopia

168.6920, -39.7812, 19.5641

Deuteranopia

170.2320, -42.0194, 37.5075



Tritanopia

175.8030, -4.3399, 38.7608

Trichromacy



Original Color

169.9440, -41.8774, 38.6371

Protanomaly

169.2090, -40.5290, 26.1267

Deuteranomaly

170.2320, -42.0194, 37.5075

Tritanomaly

173.5460, -18.0172, 38.9862

Monochromacy



Original Color

169.9440, -41.8774, 38.6371

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.0760, -15.3205, 13.9653

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.9440, -41.8774, 38.6371 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(214, 164, 85)` looks like.

```
.text, #text, p{  
    color:rgb(214, 164, 85)  
}
```

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(214, 164, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 164, 85) }
```

Border

The CSS property to change the border of an element to YUV 169.9440, -41.8774, 38.6371 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(214, 164, 85) }
```


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

```
.border{ border-color:rgb(214, 164, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 164, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 164, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 164, 85);  
box-shadow:4px 4px 4px 4px rgb(214, 164,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 169.9440, -41.8774, 38.6371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 164, 85) }
```

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

```
.background{ background-color: rgb(214,  
164, 85) }
```

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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