

Converting Colors

YUV(166.0730, -34.0530,
49.0480)

Have a look what the booklet for
YUV(166.0730, -34.0530, 49.0480)
contains.

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Color

**YUV(166.0730, -34.0530,
49.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	DE9761
RGB	222, 151, 97
RGB Percent	87%, 59%, 38%
CMY	0.1294, 0.4078, 0.6196
CMYK	0.00, 0.32, 0.56, 0.13
HSL	26°, 65%, 63%
HSV	26°, 56%, 87%
XYZ	43.3485, 38.5259, 16.4608
YIQ	166.0730, 59.6500, -1.7420

Conversions

Conversions Part 2

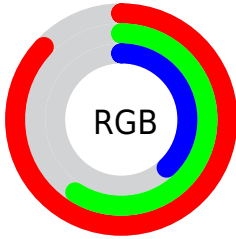
Format	Color
R _Y B	222, 192, 97
Decimal	14587745
CIE Lab	68.41, 21.05, 38.98
CIE LCh	68, 44.305, 61.633
Yxy	38.5259, 0.4408, 0.3918
Android (android.graphics.Color)	4292777825 (0xFFDE9761)
YUV	166.0730, -34.0530, 49.0480
Hunter-Lab	62.0692, 16.0414, 27.7247

Details

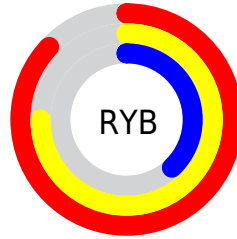
The YUV color **166.0730, -34.0530, 49.0480** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **152.9270, 34.0530, -49.0480**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.5660, -31.8310, 36.3376**, and **113.0230, -31.5633, 43.8298** is the 20% darker color. If you saturate the color by 10%, you get **155.9340, -39.9005, 57.9399**, and if you desaturate by 10%, it is **176.2120, -28.2055, 40.1561**.

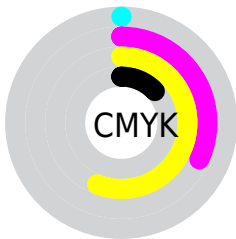
Distribution



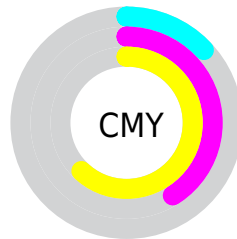
- Red (87%)
- Green (59%)
- Blue (38%)



- Red (87%)
- Yellow (75%)
- Blue (38%)



- Cyan (0%)
- Magenta (32%)
- Yellow (56%)
- Black (13%)



- Cyan (13%)
- Magenta (41%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.0730, -34.0530, 49.0480 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 166.0730, -34.0530, 49.0480 by changing the saturation by 10% instead.

166.0730,
-34.0530, 49.0480

166.0730,
-34.0530, 49.0480

255.0000, 0.0000,
0.0000

138.9910,
-33.0266, 46.4889

213.5660,
-31.8310, 36.3376

113.0230,
-31.5633, 43.8298

233.6670,
-28.4298, 18.7090

87.8270, -30.9737,
41.3707

249.0720,
-22.7135, 5.1989

62.5170, -30.8209,
39.0116

252.3780,
-10.0464, 2.2995

41.5300, -20.4743,
33.7382

21.1300, -10.4171,
27.9500

8.1870, -3.5432,

16.4990

■ 0.0000, 0.0000,
0.0000

■ 166.0730,
-34.0530, 49.0480

■ 166.0730,
-34.0530, 49.0480

■ 155.9340,
-39.9005, 57.9399

■ 176.2120,
-28.2055, 40.1561

■ 146.3820,
-46.0373, 66.3170

■ 185.7640,
-22.0687, 31.7790

■ 136.1290,
-52.3216, 75.3089

■ 196.0170,
-15.7844, 22.7871

■ 126.5770,
-58.4585, 83.6860

■ 205.5690, -9.6475,
14.4100

■ 122.7300,
-60.5059, 87.0598

■ 215.7080, -3.8000,
5.5181

■ 225.8470, 2.0474,
-3.3738

■ 235.3990, 8.1843,
-11.7509

■ 243.3720, 5.7326,
-18.7432

■ 245.1330, 4.8644,
-20.2876

Harmonies

Analogous

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



167.5430, -19.9877, 64.4218



166.0730, -34.0530, 49.0480



163.0560, -38.4816, 22.7529

Triad

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



166.0730, -34.0530, 49.0480



129.5080, 18.9766, -113.5785



170.0890, 32.0011, 2.5529

Complementary

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



166.0730, -34.0530, 49.0480



152.9270, 34.0530, -49.0480

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.



159.6420, 43.0675, -47.0440



166.0730, -34.0530, 49.0480



133.4810, 36.7379, -117.0628

Square

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



166.0730, -34.0530, 49.0480



151.7880, -12.2205, -47.1721



133.1510, 50.7046, -116.7734



171.4330, 17.0415, 40.8393

Rectangle

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



166.0730, -34.0530, 49.0480



160.5480, -34.7802, 2.1504



133.1510, 50.7046, -116.7734



167.7280, 36.1231, -12.9165

Sweetspot

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



166.0730, -34.0530, 49.0480



235.4230, -11.5475, 17.1690



142.6970, 13.4604, 69.5487



116.2310, -7.0159, 10.3214



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.



166.0730, -34.0530, 49.0480



177.7520, -47.2057, 67.7465



201.8800, -51.7058, 17.6452



107.2240, -3.0684, 4.1886



97.2360, -47.9373, 69.0760



26.6790, -13.1527, 18.6985

Inverse Universe

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



152.9270, 34.0530, -49.0480



159.2480, 47.2057, -67.7465



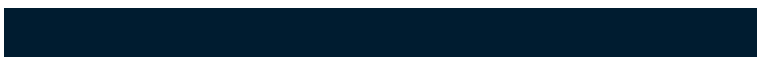
117.1200, 51.7058, -17.6452



105.7760, 3.0684, -4.1886



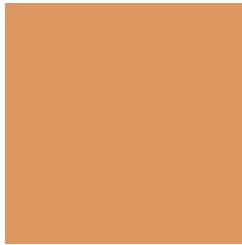
78.7640, 47.9373, -69.0760



21.9080, 12.8634, -19.2133

Previews

White Background



This preview shows how the YUV color 166.0730, -34.0530, 49.0480 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 166.0730, -34.0530, 49.0480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

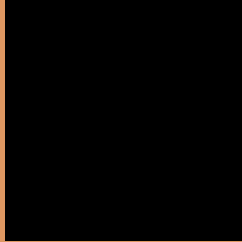
Any Text WCAG AA ✓ Pass

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 166.0730, -34.0530, 49.0480 Background



This preview shows how black text looks on a background with the YUV color 166.0730, -34.0530, 49.0480.



This preview shows how white text looks on a background with the YUV color 166.0730, -34.0530,

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

166.0730, -34.0530, 49.0480

Protanopia

164.4880, -30.3136, 16.2350

Deuteranopia

165.1590, -34.5884, 34.0636



Tritanopia

169.7720, -7.2826, 49.3120

Trichromacy



Original Color

166.0730, -34.0530, 49.0480

Protanomaly

164.9240, -31.5145, 28.1307

Deuteranomaly

165.6050, -34.3153, 39.8114

Tritanomaly

168.8400, -17.1761, 49.2523

Monochromacy



Original Color

166.0730, -34.0530, 49.0480

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.1950, -12.4211, 17.3690

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.0730, -34.0530, 49.0480 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(222, 151, 97)` looks like.

```
.text, #text, p{  
    color:rgb(222, 151, 97)  
}
```

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(222, 151, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 151, 97) }
```

Border

The CSS property to change the border of an element to YUV 166.0730, -34.0530, 49.0480 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(222, 151, 97) }
```


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

```
.border{ border-color:rgb(222, 151, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 151, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 151, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 151, 97);  
box-shadow:4px 4px 4px 4px rgb(222, 151,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 166.0730, -34.0530, 49.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 151, 97) }
```

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

```
.background{ background-color: rgb(222,  
151, 97) }
```

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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