

Converting Colors

YUV(177.0180, -37.4769,
27.1712)

Have a look what the booklet for
YUV(177.0180, -37.4769, 27.1712)
contains.

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Color

**YUV(177.0180, -37.4769,
27.1712)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B065
RGB	208, 176, 101
RGB Percent	82%, 69%, 40%
CMY	0.1843, 0.3098, 0.6039
CMYK	0.00, 0.15, 0.51, 0.18
HSL	42°, 53%, 61%
HSV	42°, 51%, 82%
XYZ	43.8867, 45.4002, 18.7619
YIQ	177.0180, 43.1470, -16.5410

Conversions

Conversions Part 2

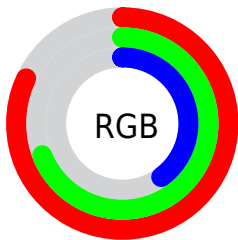
Format	Color
RYB	147, 208, 101
Decimal	13676645
CIELab	73.15, 2.17, 42.42
CIELCh	73, 42.477, 87.071
Yxy	45.4002, 0.4062, 0.4202
Android (android.graphics.Color)	4291866725 (0xFFD0B065)
YUV	177.0180, -37.4769, 27.1712
Hunter-Lab	67.3796, -1.6510, 30.6564

Details

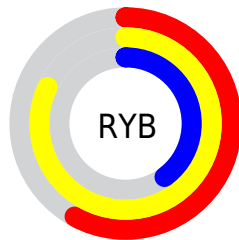
The YUV color $177.0180, -37.4769, 27.1712$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $131.9820, 37.4769, -27.1712$, and the grayscale version is $177.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $229.2840, -37.6080, 22.5529$, and $123.7510, -35.8662, 23.8974$ is the 20% darker color. If you saturate the color by 10%, you get $171.1020, -44.9133, 32.3595$, and if you desaturate by 10%, it is $182.9340, -30.0405, 21.9829$.

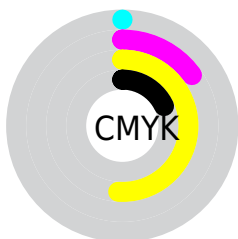
Distribution



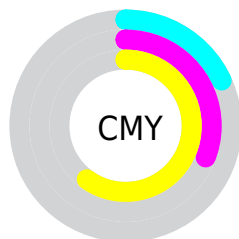
- Red (82%)
- Green (69%)
- Blue (40%)



- Red (58%)
- Yellow (82%)
- Blue (40%)



- Cyan (0%)
- Magenta (15%)
- Yellow (51%)
- Black (18%)



- Cyan (18%)
- Magenta (31%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.0180, -37.4769, 27.1712 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 177.0180, -37.4769, 27.1712 by changing the saturation by 10% instead.

■ 177.0180,
-37.4769, 27.1712

■ 177.0180,
-37.4769, 27.1712

255.0000, 0.0000,
0.0000

■ 149.6480,
-36.3085, 25.7417

■ 229.2840,
-37.6080, 22.5529

■ 123.7510,
-35.8662, 23.8974

■ 246.5640,
-32.3231, 7.3984

■ 98.1530, -35.5714,
22.6678

■ 249.7560,
-20.0927, 4.5990

■ 73.0280, -36.0028,
21.0234

■ 252.9480, -7.8624,
1.7996

■ 52.6390, -25.9510,
16.9796

■ 32.5380, -16.0412,
11.8062

■ 11.2630, -5.5527,

7.6623

■ 0.0000, 0.0000,
0.0000

■ 177.0180,
-37.4769, 27.1712

■ 177.0180,
-37.4769, 27.1712

■ 171.1020,
-44.9133, 32.3595

■ 182.9340,
-30.0405, 21.9829

■ 165.1860,
-52.3497, 37.5479

■ 188.8500,
-22.6040, 16.7946

■ 158.7970,
-59.0599, 43.1510

■ 195.2390,
-15.8938, 11.1914

■ 152.8810,
-66.4963, 48.3394

■ 201.1550, -8.4574,
6.0031

■ 147.8940,
-72.9117, 52.7130

■ 207.0710, -1.0210,
0.8147

■ 212.9870, 6.4154,
-4.3736

■ 219.4900, 13.5624,
-10.0767

■ 223.9240, 15.3205,
-13.9653

■ 227.4460, 13.5841,
-17.0541

Harmonies

Analogous

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



179.3660, -31.7324, 51.4220



177.0180, -37.4769, 27.1712



173.3130, -31.7063, -3.7825

Triad

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



177.0180, -37.4769, 27.1712



141.7960, 35.5966, -124.3551



184.7420, 18.3682, 35.3063

Complementary

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



177.0180, -37.4769, 27.1712



131.9820, 37.4769, -27.1712

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.



181.9850, 33.0384, -3.4948



177.0180, -37.4769, 27.1712



144.6730, 48.9682, -119.8622

Square

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



177.0180, -37.4769, 27.1712



156.0730, 8.8380, -81.6250



171.4520, 41.1892, -51.2624



183.3030, 0.8366, 58.4933

Rectangle

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



177.0180, -37.4769, 27.1712



169.3900, -21.8843, -27.5290



171.4520, 41.1892, -51.2624



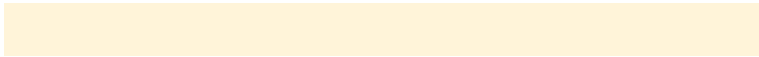
184.1580, 24.0791, 23.5404

Sweetspot

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



177.0180, -37.4769, 27.1712



244.2110, -13.4150, 9.4620



136.6410, -1.7950, 62.5818



121.2690, -8.0206, 5.9031



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.



177.0180, -37.4769, 27.1712



209.3990, -55.4127, 39.9921



189.5230, -43.6418, -2.2127



101.3980, -3.6472, 3.1590



119.4980, -58.9125, 42.5363



29.2820, -14.4360, 10.2767

Inverse Universe

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



131.9820, 37.4769, -27.1712



142.6010, 55.4127, -39.9921



119.4770, 43.6418, 2.2127



97.0150, 3.9366, -2.6442



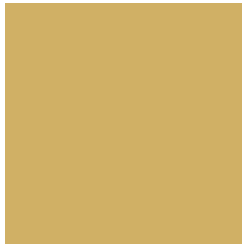
48.5020, 58.9125, -42.5363



11.7180, 14.4360, -10.2767

Previews

White Background



This preview shows how the YUV color 177.0180, -37.4769, 27.1712 looks on a white background.

Color Contrast Check

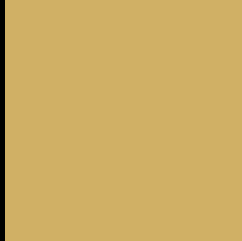
Large Text (above 18pt) WCAG AA × Fail

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 177.0180, -37.4769, 27.1712 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 177.0180, -37.4769, 27.1712

Background



This preview shows how black text looks on a background with the YUV color 177.0180, -37.4769, 27.1712.

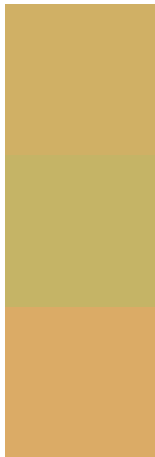


This preview shows how white text looks on a background with the YUV color 177.0180, -37.4769, 27.1712.

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

177.0180, -37.4769, 27.1712

Protanopia

176.1910, -36.5762, 18.2495

Deuteranopia

177.4860, -37.2146, 36.4078



Tritanopia

182.8340, -1.3972, 28.2096

Trichromacy



Original Color

177.0180, -37.4769, 27.1712

Protanomaly

176.8000, -36.8764, 21.2234

Deuteranomaly

177.4640, -37.2038, 32.9191

Tritanomaly

180.3920, -14.4903, 27.7202

Monochromacy



Original Color

177.0180, -37.4769, 27.1712

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

177.0970, -13.8518, 9.5619

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.0180, -37.4769, 27.1712 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(208, 176, 101)` looks like.

```
.text, #text, p{  
    color:rgb(208, 176, 101)  
}
```

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(208, 176, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 176, 101) }
```

Border

The CSS property to change the border of an element to YUV 177.0180, -37.4769, 27.1712 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(208, 176, 101) }
```


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

```
.border{ border-color:rgb(208, 176, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 176, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 176, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 176, 101);  
box-shadow:4px 4px 4px 4px rgb(208, 176,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 177.0180, -37.4769, 27.1712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 176, 101) }
```

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

```
.background{ background-color: rgb(208,  
176, 101) }
```

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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