

Converting Colors

YUV(177.6810, -36.3247,
30.9748)

Have a look what the booklet for
YUV(177.6810, -36.3247, 30.9748)
contains.

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Color

**YUV(177.6810, -36.3247,
30.9748)**

Conversions

Conversions Part 1

Format	Color
Hex	D5AE68
RGB	213, 174, 104
RGB Percent	84%, 68%, 41%
CMY	0.1647, 0.3176, 0.5922
CMYK	0.00, 0.18, 0.51, 0.16
HSL	39°, 56%, 62%
HSV	39°, 51%, 84%
XYZ	45.0753, 45.4177, 19.4875
YIQ	177.6810, 45.7140, -13.5020

Conversions

Conversions Part 2

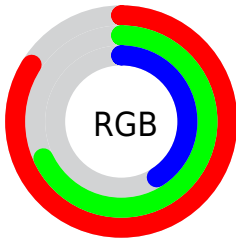
Format	Color
RYB	165, 213, 104
Decimal	14003816
CIELab	73.17, 5.58, 41.02
CIELCh	73, 41.402, 82.256
Yxy	45.4177, 0.4098, 0.4130
Android (android.graphics.Color)	4292193896 (0xFFD5AE68)
YUV	177.6810, -36.3247, 30.9748
Hunter-Lab	67.3927, 1.4518, 30.0304

Details

The YUV color **177.6810, -36.3247, 30.9748** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **139.3190, 36.3247, -30.9748**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.4520, -35.7188, 23.2826**, and **124.4140, -34.7141, 27.7009** is the 20% darker color. If you saturate the color by 10%, you get **170.5910, -43.1824, 37.1927**, and if you desaturate by 10%, it is **184.7710, -29.4671, 24.7568**.

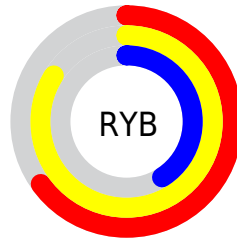
Distribution



Red (84%)

Green (68%)

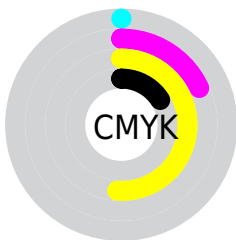
Blue (41%)



Red (65%)

Yellow (84%)

Blue (41%)

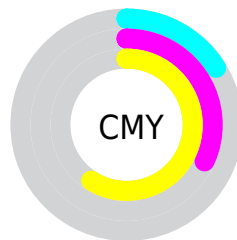


Cyan (0%)

Magenta (18%)

Yellow (51%)

Black (16%)



Cyan (16%)

Magenta (32%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.6810, -36.3247, 30.9748 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 177.6810, -36.3247, 30.9748 by changing the saturation by 10% instead.

■ 177.6810,
-36.3247, 30.9748

■ 177.6810,
-36.3247, 30.9748

255.0000, 0.0000,
0.0000

■ 150.3110,
-35.1563, 29.5453

■ 228.4520,
-35.7188, 23.2826

■ 124.4140,
-34.7141, 27.7009

■ 246.9060,
-31.0127, 7.0984

■ 98.6310, -33.8351,
25.7566

■ 250.0980,
-18.7823, 4.2991

■ 73.3920, -34.7033,
24.2122

■ 253.2900, -6.5520,
1.4997

■ 52.6610, -25.9619,
20.4683

■ 32.5600, -16.0521,
15.2949

■ 11.5840, -5.7109,

11.7658

■ 0.0000, 0.0000,
0.0000

■ 177.6810,
-36.3247, 30.9748

■ 177.6810,
-36.3247, 30.9748

■ 170.5910,
-43.1824, 37.1927

■ 184.7710,
-29.4671, 24.7568

■ 163.9740,
-50.7662, 42.9958

■ 191.3880,
-21.8833, 18.9537

■ 156.8840,
-57.6238, 49.2137

■ 198.4780,
-15.0257, 12.7358

■ 150.3810,
-64.7708, 54.9169

■ 204.9810, -7.8786,
7.0327

■ 144.1060,
-71.0443, 60.4200

■ 212.1850, -0.5842,
0.7148

■ 219.2750, 6.2734,
-5.5032

■ 225.7780, 13.4204,
-11.2063

■ 230.7020, 11.9789,
-15.5247

■ 235.3980, 9.6638,
-19.6430

Harmonies

Analogous

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



180.3600, -29.2645, 53.1813



177.6810, -36.3247, 30.9748



174.1180, -32.5962, 1.6505

Triad

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



177.6810, -36.3247, 30.9748



140.4110, 32.8284, -123.1404



184.8660, 20.2791, 29.0585

Complementary

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



177.6810, -36.3247, 30.9748



139.3190, 36.3247, -30.9748

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.



180.5820, 34.2231, -10.1574



177.6810, -36.3247, 30.9748



143.5050, 47.0790, -120.5919

Square

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



177.6810, -36.3247, 30.9748



159.5860, 4.1481, -70.6739



169.2340, 41.7896, -57.2102



183.9650, 3.4683, 54.4047

Rectangle

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



177.6810, -36.3247, 30.9748



170.5650, -23.9425, -20.6665



169.2340, 41.7896, -57.2102



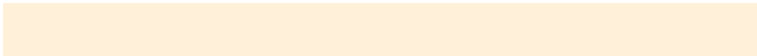
184.1680, 25.5532, 17.3927

Sweetspot

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



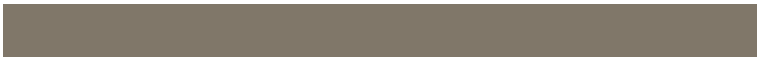
177.6810, -36.3247, 30.9748



242.4500, -12.5468, 11.0064



141.1510, 1.4046, 63.0116



120.0950, -7.4418, 6.9327



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.



177.6810, -36.3247, 30.9748



204.3440, -51.9346, 44.4253



196.0890, -45.3999, 1.6759



103.3980, -3.6472, 3.1590



115.6990, -57.0396, 48.4990



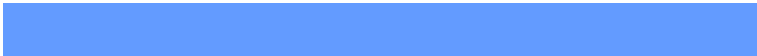
29.2930, -14.4414, 12.0210

Inverse Universe

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



139.3190, 36.3247, -30.9748



149.6560, 51.9346, -44.4253



120.9110, 45.3999, -1.6759



99.6020, 3.6472, -3.1590



55.3010, 57.0396, -48.4990



14.2940, 14.1521, -12.5358

Previews

White Background



This preview shows how the YUV color 177.6810, -36.3247, 30.9748 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 177.6810, -36.3247, 30.9748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

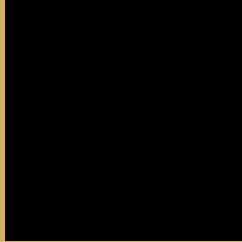
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.6810, -36.3247, 30.9748

Background



This preview shows how black text looks on a background with the YUV color 177.6810, -36.3247, 30.9748.



This preview shows how white text looks on a background with the YUV color 177.6810, -36.3247, 30.9748.

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

177.6810, -36.3247, 30.9748

Protanopia

176.6470, -34.8290, 17.8496

Deuteranopia

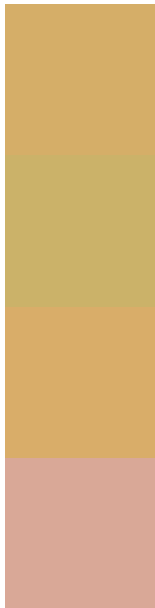
178.4150, -36.1936, 35.5930



Tritanopia

182.9270, -2.4290, 32.5130

Trichromacy



Original Color

177.6810, -36.3247, 30.9748

Protanomaly

177.1530, -35.5714, 22.6678

Deuteranomaly

178.4040, -36.1882, 33.8487

Tritanomaly

180.7130, -14.6485, 31.8237

Monochromacy



Original Color

177.6810, -36.3247, 30.9748

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.2220, -13.4204, 11.2063

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.6810, -36.3247, 30.9748 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(213, 174, 104)` looks like.

```
.text, #text, p{  
    color:rgb(213, 174, 104)  
}
```

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(213, 174, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 174, 104) }
```

Border

The CSS property to change the border of an element to YUV 177.6810, -36.3247, 30.9748 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(213, 174, 104) }
```


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

```
.border{ border-color:rgb(213, 174, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 174, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 174, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 174, 104);  
box-shadow:4px 4px 4px 4px rgb(213, 174,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 177.6810, -36.3247, 30.9748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 174, 104) }
```

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

```
.background{ background-color: rgb(213,  
174, 104) }
```

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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