

Converting Colors

YUV(175.4630, -32.2733,
38.1819)

Have a look what the booklet for
YUV(175.4630, -32.2733, 38.1819)
contains.

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Color

**YUV(175.4630, -32.2733,
38.1819)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA66E
RGB	219, 166, 110
RGB Percent	86%, 65%, 43%
CMY	0.1412, 0.3490, 0.5686
CMYK	0.00, 0.24, 0.50, 0.14
HSL	31°, 60%, 65%
HSV	31°, 50%, 86%
XYZ	45.6641, 43.4583, 20.7334
YIQ	175.4630, 49.5640, -6.1800

Conversions

Conversions Part 2

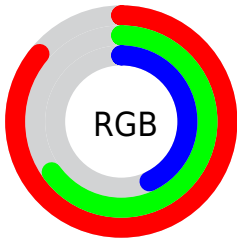
Format	Color
R_{YB}	213, 219, 110
Decimal	14394990
CIE _{Lab}	71.86, 12.88, 36.43
CIE _{LCh}	72, 38.638, 70.532
Yxy	43.4583, 0.4157, 0.3956
Android (android.graphics.Color)	4292585070 (0xFFDBA66E)
YUV	175.4630, -32.2733, 38.1819
Hunter-Lab	65.9229, 8.2800, 27.4988

Details

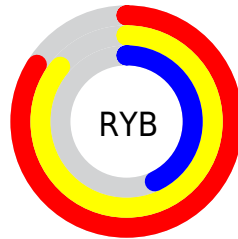
The YUV color $175.4630, -32.2733, 38.1819$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $153.5370, 32.2733, -38.1819$, and the grayscale version is $176.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $224.4400, -30.7829, 26.8011$, and $122.0110, -30.0784, 34.1934$ is the 20% darker color. If you saturate the color by 10%, you get $166.4980, -38.6995, 46.0443$, and if you desaturate by 10%, it is $184.4280, -25.8470, 30.3196$.

Distribution



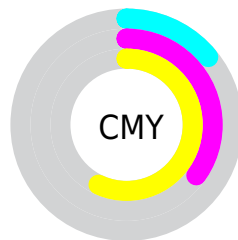
- Red (86%)
- Green (65%)
- Blue (43%)



- Red (84%)
- Yellow (86%)
- Blue (43%)



- Cyan (0%)
- Magenta (24%)
- Yellow (50%)
- Black (14%)





- Cyan (14%)
- Magenta (35%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.4630, -32.2733, 38.1819 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 175.4630, -32.2733, 38.1819 by changing the saturation by 10% instead.


 175.4630,
-32.2733, 38.1819

 175.4630,
-32.2733, 38.1819


255.0000, 0.0000,
0.0000


 148.6800,
-31.3942, 36.2376


 224.4400,
-30.7829, 26.8011


 122.0110,
-30.0784, 34.1934


 244.6550,
-26.9449, 9.0726


 97.1140, -29.6362,
32.3490

 250.7820,
-16.1615, 3.6992

 72.0320, -28.6098,
29.7899

 253.9740, -3.9312,
0.8998

 49.7480, -24.5258,
26.5310

 29.6470, -14.6160,
21.3576

 9.2690, -4.5696,

19.0581

■ 0.0000, 0.0000,
0.0000

■ 175.4630,
-32.2733, 38.1819

■ 175.4630,
-32.2733, 38.1819

■ 166.4980,
-38.6995, 46.0443

■ 184.4280,
-25.8470, 30.3196

■ 158.1200,
-45.4152, 53.3918

■ 192.8060,
-19.1314, 22.9721

■ 149.1550,
-51.8414, 61.2541

■ 201.7710,
-12.7051, 15.1098

■ 140.1900,
-58.2677, 69.1164

■ 210.7360, -6.2788,
7.2475

■ 131.9260,
-64.5465, 76.3639

■ 219.1140, 0.4368,
-0.1000

■ 131.8120,
-64.9833, 76.4639

■ 227.9650, 6.4263,
-7.8623

■ 236.0180, 9.3581,
-14.9248

■ 241.8880, 6.4642,
-20.0728

■ 244.2360, 5.3067,
-22.1320

Harmonies

Analogous

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



177.7930, -22.5759, 54.5555



175.4630, -32.2733, 38.1819



172.4830, -32.7761, 12.7314

Triad

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



175.4630, -32.2733, 38.1819



152.0430, 17.7268, -85.9837



179.9180, 24.6904, 14.1039

Complementary

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



175.4630, -32.2733, 38.1819



153.5370, 32.2733, -38.1819

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.



174.0100, 34.9981, -25.4418



175.4630, -32.2733, 38.1819



145.6610, 37.1421, -106.6967

Square

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



175.4630, -32.2733, 38.1819



161.6010, -5.2263, -50.5161



161.8860, 39.4962, -68.3060



180.7940, 9.4686, 43.1537

Rectangle

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



175.4630, -32.2733, 38.1819



170.0290, -27.6223, -7.0414



161.8860, 39.4962, -68.3060



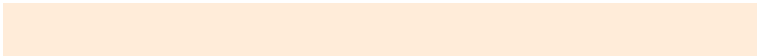
179.1660, 28.5122, 1.6084

Sweetspot

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



175.4630, -32.2733, 38.1819



239.5150, -11.0999, 13.5803



148.8610, 7.9565, 61.5119



118.3340, -6.5737, 8.4771



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.



175.4630, -32.2733, 38.1819



194.1200, -45.4152, 53.3918



206.5740, -47.6110, 10.8976



105.2240, -3.0684, 4.1886



103.9700, -51.2572, 60.5393



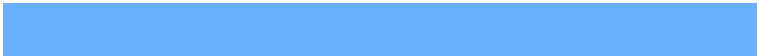
27.8420, -13.7261, 15.9246

Inverse Universe

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



153.5370, 32.2733, -38.1819



162.8800, 45.4152, -53.3918



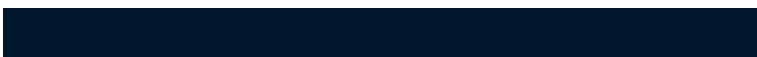
122.4260, 47.6110, -10.8976



103.1890, 3.3578, -3.6738



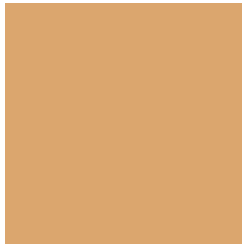
69.0300, 51.2572, -60.5393



18.1580, 13.7261, -15.9246

Previews

White Background



This preview shows how the YUV color 175.4630, -32.2733, 38.1819 looks on a white background.

Color Contrast Check

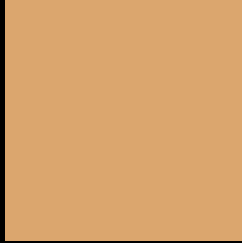
Large Text (above 18pt) WCAG AA × Fail

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 175.4630, -32.2733, 38.1819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

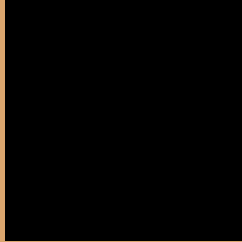
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.4630, -32.2733, 38.1819

Background



This preview shows how black text looks on a background with the YUV color 175.4630, -32.2733, 38.1819.



This preview shows how white text looks on a background with the YUV color 175.4630, -32.2733,

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

175.4630, -32.2733, 38.1819

Protanopia

173.7160, -29.4400, 16.0351

Deuteranopia

174.7290, -32.4044, 33.5637



Tritanopia

179.2160, -4.0505, 39.2756

Trichromacy



Original Color

175.4630, -32.2733, 38.1819

Protanomaly

174.2440, -30.1933, 24.3420

Deuteranomaly

174.7400, -32.4098, 35.3080

Tritanomaly

177.8710, -14.2334, 38.7011

Monochromacy



Original Color

175.4630, -32.2733, 38.1819

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.2870, -11.9735, 13.7803

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.4630, -32.2733, 38.1819 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(219, 166, 110)` looks like.

```
.text, #text, p{  
    color:rgb(219, 166, 110)  
}
```

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(219, 166, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 166, 110) }
```

Border

The CSS property to change the border of an element to YUV 175.4630, -32.2733, 38.1819 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(219, 166, 110) }
```


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

```
.border{ border-color:rgb(219, 166, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 166, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 166, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 166, 110);  
box-shadow:4px 4px 4px 4px rgb(219, 166,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 175.4630, -32.2733, 38.1819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 166, 110) }
```

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

```
.background{ background-color: rgb(219,  
166, 110) }
```

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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