

Converting Colors

YUV(175.1380, -36.0570,
38.4670)

Have a look what the booklet for
YUV(175.1380, -36.0570, 38.4670)
contains.

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Color

**YUV(175.1380, -36.0570,
38.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA766
RGB	219, 167, 102
RGB Percent	86%, 65%, 40%
CMY	0.1412, 0.3451, 0.6000
CMYK	0.00, 0.24, 0.53, 0.14
HSL	33°, 62%, 63%
HSV	33°, 53%, 86%
XYZ	45.4304, 43.6568, 18.6025
YIQ	175.1380, 51.8570, -9.1910

Conversions

Conversions Part 2

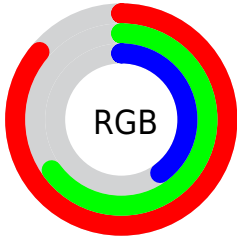
Format	Color
R_{YB}	196, 219, 102
Decimal	14395238
CIE _{Lab}	72.00, 11.63, 40.74
CIE _{LCh}	72, 42.372, 74.066
Yxy	43.6568, 0.4219, 0.4054
Android (android.graphics.Color)	4292585318 (0xFFDBA766)
YUV	175.1380, -36.0570, 38.4670
Hunter-Lab	66.0733, 7.1040, 29.5586

Details

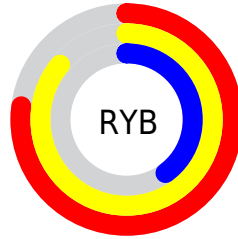
The YUV color $175.1380, -36.0570, 38.4670$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $145.8620, 36.0570, -38.4670$, and the grayscale version is $175.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $224.1150, -34.5667, 27.0861$, and $121.6860, -33.8622, 34.4784$ is the 20% darker color. If you saturate the color by 10%, you get $166.7600, -42.7727, 45.8145$, and if you desaturate by 10%, it is $183.5160, -29.3414, 31.1195$.

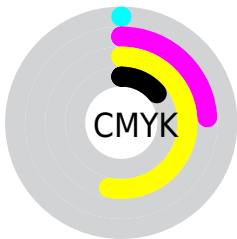
Distribution



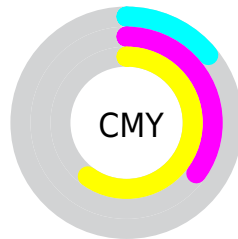
- Red (86%)
- Green (65%)
- Blue (40%)



- Red (77%)
- Yellow (86%)
- Blue (40%)



- Cyan (0%)
- Magenta (24%)
- Yellow (53%)
- Black (14%)



- Cyan (14%)
- Magenta (35%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.1380, -36.0570, 38.4670 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 175.1380, -36.0570, 38.4670 by changing the saturation by 10% instead.

■ 175.1380,
-36.0570, 38.4670

■ 175.1380,
-36.0570, 38.4670

255.0000, 0.0000,
0.0000

■ 148.3550,
-35.1780, 36.5227

■ 224.1150,
-34.5667, 27.0861

■ 121.6860,
-33.8622, 34.4784

■ 244.2160,
-31.1655, 9.4576

■ 96.4900, -33.2726,
32.0193

■ 249.7560,
-20.0927, 4.5990

■ 71.2510, -34.1407,
30.4749

■ 253.0620, -7.4256,
1.6996

■ 50.0360, -24.6677,
25.4014

■ 29.9350, -14.7580,
20.2280

■ 8.6710, -4.2748,

17.8285

■ 0.0000, 0.0000,
0.0000

■ 175.1380,
-36.0570, 38.4670

■ 175.1380,
-36.0570, 38.4670

■ 166.7600,
-42.7727, 45.8145

■ 183.5160,
-29.3414, 31.1195

■ 158.9690,
-49.7777, 52.6472

■ 191.3070,
-22.3364, 24.2868

■ 150.5910,
-56.4934, 59.9947

■ 199.6850,
-15.6207, 16.9393

■ 142.2130,
-63.2090, 67.3422

■ 208.0630, -8.9051,
9.5917

■ 137.0950,
-67.5878, 71.8307

■ 216.4410, -2.1894,
2.2442

■ 224.1180, 4.3788,
-4.4885

■ 232.4960, 11.0945,
-11.8360

■ 238.3660, 8.2006,
-16.9840

■ 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.



177.1910, -26.2232, 57.7145



175.1380, -36.0570, 38.4670



171.7770, -35.3861, 9.8426

Triad

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



175.1380, -36.0570, 38.4670



137.7550, 27.7288, -120.8111



181.3640, 24.9635, 19.8518

Complementary

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



175.1380, -36.0570, 38.4670



145.8620, 36.0570, -38.4670

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.



175.3030, 37.3186, -23.0677



175.1380, -36.0570, 38.4670



139.9840, 43.8849, -122.7660

Square

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



175.1380, -36.0570, 38.4670



158.3330, -2.1362, -61.6820



160.1070, 44.3172, -74.6388



181.0230, 8.8627, 50.8458

Rectangle

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



175.1380, -36.0570, 38.4670



168.7680, -28.4796, -12.0745



160.1070, 44.3172, -74.6388



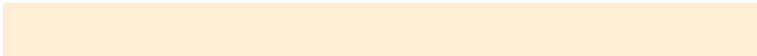
179.6550, 30.2431, 6.4416

Sweetspot

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



175.1380, -36.0570, 38.4670



239.7600, -12.6997, 13.3655



143.0250, 5.9037, 66.6301



118.6930, -7.7366, 8.1622



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.



175.1380, -36.0570, 38.4670



193.5670, -50.0725, 53.8767



203.8680, -50.2209, 8.0088



105.8110, -3.3578, 3.6738



108.0790, -53.2829, 56.9357



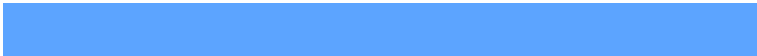
29.0160, -14.3049, 14.8950

Inverse Universe

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



145.8620, 36.0570, -38.4670



152.8460, 50.3619, -53.3619



117.1320, 50.2209, -8.0088



103.1890, 3.3578, -3.6738



64.9210, 53.2829, -56.9357



16.9840, 14.3049, -14.8950

Previews

White Background



This preview shows how the YUV color 175.1380, -36.0570, 38.4670 looks on a white background.

Color Contrast Check

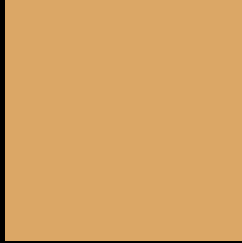
Large Text (above 18pt) WCAG AA × Fail

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 175.1380, -36.0570, 38.4670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

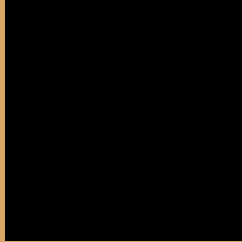
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.1380, -36.0570, 38.4670

Background



This preview shows how black text looks on a background with the YUV color 175.1380, -36.0570, 38.4670.



This preview shows how white text looks on a background with the YUV color 175.1380, -36.0570,

38.4670.

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

175.1380, -36.0570, 38.4670

Protanopia

173.6900, -33.3712, 16.9349

Deuteranopia

175.1160, -36.0462, 34.9783



Tritanopia

180.1020, -4.4873, 39.3755

Trichromacy



Original Color

175.1380, -36.0570, 38.4670

Protanomaly

173.9190, -33.9771, 24.6270

Deuteranomaly

174.8280, -35.9042, 36.1078

Tritanomaly

178.4150, -15.9806, 39.1010

Monochromacy



Original Color

175.1380, -36.0570, 38.4670

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.9450, -13.2839, 14.0802

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.1380, -36.0570, 38.4670 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, 167, 102)` looks like.

```
.text, #text, p{  
    color:rgb(219, 167, 102)  
}
```

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, 167, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 167, 102) }
```

Border

The CSS property to change the border of an element to YUV 175.1380, -36.0570, 38.4670 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, 167, 102) }
```


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

```
.border{ border-color:rgb(219, 167, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 167, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 167, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 167, 102);  
box-shadow:4px 4px 4px 4px rgb(219, 167,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 175.1380, -36.0570, 38.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 167, 102) }
```

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

```
.background{ background-color: rgb(219,  
167, 102) }
```

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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