

Converting Colors

YUV(174.8550, -36.9035,
29.9452)

Have a look what the booklet for
YUV(174.8550, -36.9035, 29.9452)
contains.

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Color

**YUV(174.8550, -36.9035,
29.9452)**

Conversions

Conversions Part 1

Format	Color
Hex	D1AC64
RGB	209, 172, 100
RGB Percent	82%, 67%, 39%
CMY	0.1804, 0.3255, 0.6078
CMYK	0.00, 0.18, 0.52, 0.18
HSL	40°, 54%, 61%
HSV	40°, 52%, 82%
XYZ	43.3473, 43.9805, 18.2610
YIQ	174.8550, 45.1640, -14.5480

Conversions

Conversions Part 2

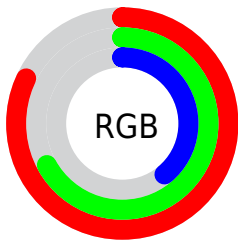
Format	Color
RYB	156, 209, 100
Decimal	13741156
CIELab	72.22, 4.63, 41.80
CIELCh	72, 42.057, 83.682
Yxy	43.9805, 0.4105, 0.4165
Android (android.graphics.Color)	4291931236 (0xFFD1AC64)
YUV	174.8550, -36.9035, 29.9452
Hunter-Lab	66.3178, 0.6168, 30.0966

Details

The YUV color $174.8550, -36.9035, 29.9452$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $134.1450, 36.9035, -29.9452$, and the grayscale version is $175.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $226.8220, -36.8872, 24.7121$, and $121.5880, -35.2929, 26.6713$ is the 20% darker color. If you saturate the color by 10%, you get $168.3520, -44.0505, 35.6483$, and if you desaturate by 10%, it is $181.3580, -29.7565, 24.2420$.

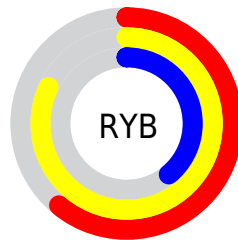
Distribution



Red (82%)

Green (67%)

Blue (39%)



Red (61%)

Yellow (82%)

Blue (39%)

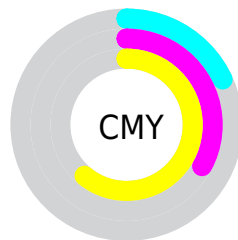


Cyan (0%)

Magenta (18%)

Yellow (52%)

Black (18%)



Cyan (18%)

Magenta (33%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.8550, -36.9035, 29.9452 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 174.8550, -36.9035, 29.9452 by changing the saturation by 10% instead.

■ 174.8550,
-36.9035, 29.9452

■ 174.8550,
-36.9035, 29.9452

255.0000, 0.0000,
0.0000

■ 148.0720,
-36.0245, 28.0009

■ 226.8220,
-36.8872, 24.7121

■ 121.5880,
-35.2929, 26.6713

■ 246.3360,
-33.1966, 7.5983

■ 96.1040, -34.5613,
25.3418

■ 249.5280,
-20.9663, 4.7989

■ 71.5660, -35.2820,
23.1826

■ 252.8340, -8.2992,
1.8996

■ 50.2910, -24.7935,
19.0388

■ 30.7770, -15.1731,
13.3506

■ 8.6270, -4.2531,

10.8511

■ 0.0000, 0.0000,
0.0000

■ 174.8550,
-36.9035, 29.9452

■ 174.8550,
-36.9035, 29.9452

■ 168.3520,
-44.0505, 35.6483

■ 181.3580,
-29.7565, 24.2420

■ 161.8490,
-51.1976, 41.3514

■ 187.8610,
-22.6095, 18.5389

■ 155.3460,
-58.3446, 47.0546

■ 194.3640,
-15.4625, 12.8358

■ 148.8430,
-65.4916, 52.7577

■ 200.8670, -8.3154,
7.1326

■ 143.4970,
-70.7440, 57.4461

■ 207.3700, -1.1684,
1.4295

■ 214.3460, 5.2524,
-4.6884

■ 220.8490, 12.3994,
-10.3916

■ 225.9840, 14.3049,
-14.8950

■ 230.0930, 12.2792,
-18.4986

Harmonies

Analogous

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



177.4200, -30.2801, 52.2517



174.8550, -36.9035, 29.9452



171.1070, -32.5908, -0.0938

Triad

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



174.8550, -36.9035, 29.9452



139.2370, 33.4072, -122.1108



182.1760, 20.1262, 31.4176

Complementary

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



174.8550, -36.9035, 29.9452



134.1450, 36.9035, -29.9452

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.



178.4790, 33.7809, -8.3131



174.8550, -36.9035, 29.9452



140.4230, 48.1055, -123.1510

Square

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



174.8550, -36.9035, 29.9452



155.6070, 5.6167, -75.0773



167.0600, 42.3684, -56.1806



180.8620, 3.0260, 56.2490

Rectangle

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



174.8550, -36.9035, 29.9452



167.6680, -23.5003, -22.5108



167.0600, 42.3684, -56.1806



182.0650, 25.1110, 19.2370

Sweetspot

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



174.8550, -36.9035, 29.9452



242.1080, -13.8572, 11.3063



136.9230, 0.5310, 63.2115



119.8670, -8.3154, 7.1326



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.



174.8550, -36.9035, 29.9452



204.3610, -54.4080, 44.4104



191.7900, -45.2525, 1.0612



101.3980, -3.6472, 3.1590



115.3890, -56.8868, 46.1398



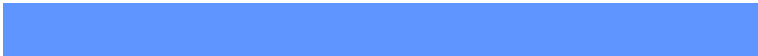
28.1080, -13.8572, 11.3063

Inverse Universe

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



134.1450, 36.9035, -29.9452



144.6390, 54.4080, -44.4104



117.2100, 45.2525, -1.0612



97.6020, 3.6472, -3.1590



52.6110, 56.8868, -46.1398



12.8920, 13.8572, -11.3063

Previews

White Background



This preview shows how the YUV color 174.8550, -36.9035, 29.9452 looks on a white background.

Color Contrast Check

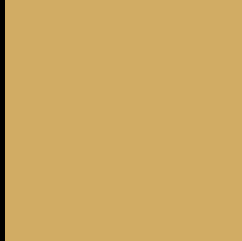
Large Text (above 18pt) WCAG AA × Fail

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 174.8550, -36.9035, 29.9452 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 174.8550, -36.9035, 29.9452

Background



This preview shows how black text looks on a background with the YUV color 174.8550, -36.9035, 29.9452.



This preview shows how white text looks on a background with the YUV color 174.8550, -36.9035, 29.9452.

29.9452.

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

174.8550, -36.9035, 29.9452

Protanopia

173.5330, -35.2658, 17.9496

Deuteranopia

175.3010, -36.6304, 35.6930



Tritanopia

180.3290, -2.1342, 31.2835

Trichromacy



Original Color

174.8550, -36.9035, 29.9452

Protanomaly

173.7400, -35.8608, 22.1530

Deuteranomaly

174.9910, -36.4776, 33.3339

Tritanomaly

178.0010, -14.7905, 30.6941

Monochromacy



Original Color

174.8550, -36.9035, 29.9452

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.9230, -13.2730, 10.5915

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.8550, -36.9035, 29.9452 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(209, 172, 100)` looks like.

```
.text, #text, p{  
    color:rgb(209, 172, 100)  
}
```

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(209, 172, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 172, 100) }
```

Border

The CSS property to change the border of an element to YUV 174.8550, -36.9035, 29.9452 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(209, 172, 100) }
```


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

```
.border{ border-color:rgb(209, 172, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 172, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 172, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 172, 100);  
box-shadow:4px 4px 4px 4px rgb(209, 172,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 174.8550, -36.9035, 29.9452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 172, 100) }
```

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

```
.background{ background-color: rgb(209,  
172, 100) }
```

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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