

Converting Colors

YUV(175.8930, -37.9082,
25.5268)

Have a look what the booklet for
YUV(175.8930, -37.9082, 25.5268)
contains.

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Color

**YUV(175.8930, -37.9082,
25.5268)**

Conversions

Conversions Part 1

Format	Color
Hex	CDB063
RGB	205, 176, 99
RGB Percent	80%, 69%, 39%
CMY	0.1961, 0.3098, 0.6118
CMYK	0.00, 0.14, 0.52, 0.20
HSL	44°, 51%, 60%
HSV	44°, 52%, 80%
XYZ	42.9543, 44.9307, 18.2129
YIQ	175.8930, 42.0010, -17.7990

Conversions

Conversions Part 2

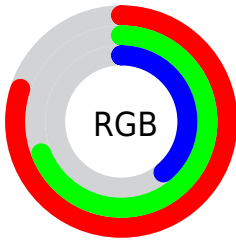
Format	Color
RYB	139, 205, 99
Decimal	13480035
CIELab	72.85, 0.74, 42.99
CIELCh	73, 42.993, 89.010
Yxy	44.9307, 0.4049, 0.4235
Android (android.graphics.Color)	4291670115 (0xFFCDB063)
YUV	175.8930, -37.9082, 25.5268
Hunter-Lab	67.0303, -2.9169, 30.8114

Details

The YUV color **175.8930, -37.9082, 25.5268** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **128.1070, 37.9082, -25.5268**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.0560, -38.4816, 22.7529**, and **122.6260, -36.2976, 22.2530** is the 20% darker color. If you saturate the color by 10%, you get **170.0910, -44.9079, 30.6152**, and if you desaturate by 10%, it is **181.8090, -30.4718, 20.3385**.

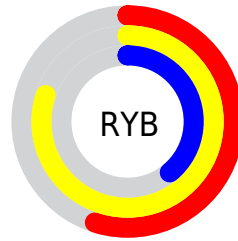
Distribution



Red (80%)

Green (69%)

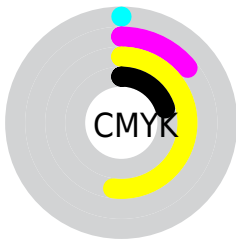
Blue (39%)



Red (55%)

Yellow (80%)

Blue (39%)

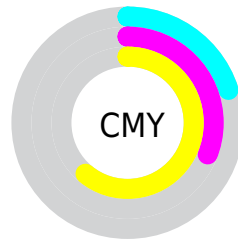


Cyan (0%)

Magenta (14%)

Yellow (52%)

Black (20%)



Cyan (20%)

Magenta (31%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.8930, -37.9082, 25.5268 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 175.8930, -37.9082, 25.5268 by changing the saturation by 10% instead.

■ 175.8930,
-37.9082, 25.5268

■ 175.8930,
-37.9082, 25.5268

255.0000, 0.0000,
0.0000

■ 148.5230,
-36.7398, 24.0973

■ 229.0560,
-38.4816, 22.7529

■ 122.6260,
-36.2976, 22.2530

■ 246.3360,
-33.1966, 7.5983

■ 97.0280, -36.0028,
21.0234

■ 249.5280,
-20.9663, 4.7989

■ 72.1310, -35.5606,
19.1791

■ 252.7200, -8.7360,
1.9996

■ 51.7420, -25.5088,
15.1353

■ 31.6410, -15.5990,
9.9618

■ 10.3660, -5.1104,

5.8180

■ 0.0000, 0.0000,
0.0000

■ 175.8930,
-37.9082, 25.5268

■ 175.8930,
-37.9082, 25.5268

■ 170.0910,
-44.9079, 30.6152

■ 181.8090,
-30.4718, 20.3385

■ 164.7620,
-52.6337, 35.2887

■ 187.0240,
-23.1828, 15.7650

■ 158.8460,
-60.0701, 40.4771

■ 192.9400,
-15.7464, 10.5766

■ 153.6310,
-67.3591, 45.0506

■ 198.1550, -8.4574,
6.0031

■ 148.7580,
-73.3377, 49.3242

■ 204.0710, -1.0210,
0.8147

■ 209.8730, 5.9786,
-4.2736

■ 215.2020, 13.7044,
-8.9472

■ 220.0920, 17.2096,
-13.2357

■ 223.0270, 15.7627,
-15.8097

Harmonies

Analogous

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



178.4260, -32.7480, 50.4924



175.8930, -37.9082, 25.5268



172.0030, -31.5535, -6.1416

Triad

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



175.8930, -37.9082, 25.5268



141.4370, 36.7596, -124.0402



183.9380, 17.7786, 37.7654

Complementary

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



175.8930, -37.9082, 25.5268



128.1070, 37.9082, -25.5268

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.



181.5940, 32.7382, -0.5209



175.8930, -37.9082, 25.5268



142.4170, 50.5734, -121.3917

Square

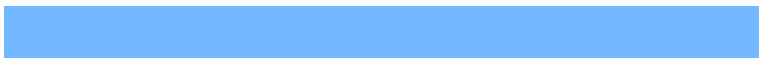
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



175.8930, -37.9082, 25.5268



153.0230, 11.3277, -86.8432



170.8760, 41.4731, -49.0033



182.6730, -0.3318, 59.9228

Rectangle

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



175.8930, -37.9082, 25.5268



168.3080, -20.8578, -30.0881



170.8760, 41.4731, -49.0033



183.6530, 23.3421, 26.6143

Sweetspot

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



175.8930, -37.9082, 25.5268



243.8690, -14.7254, 9.7619



134.1140, -2.5212, 62.1670



121.0410, -8.8942, 6.1030



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.



175.8930, -37.9082, 25.5268



211.7470, -56.5703, 37.9329



186.0390, -42.9102, -3.5422



99.0990, -3.4998, 2.5442



120.0740, -59.1965, 40.2771



27.7980, -13.7044, 8.9472

Inverse Universe

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



128.1070, 37.9082, -25.5268



140.2530, 56.5703, -37.9329



117.9610, 42.9102, 3.5422



94.9010, 3.4998, -2.5442



45.3390, 59.4859, -39.7623



10.2020, 13.7044, -8.9472

Previews

White Background



This preview shows how the YUV color 175.8930, -37.9082, 25.5268 looks on a white background.

Color Contrast Check

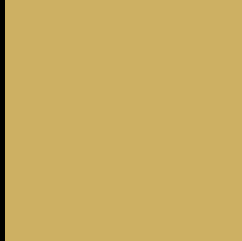
Large Text (above 18pt) WCAG AA × Fail

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 175.8930, -37.9082, 25.5268 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 175.8930, -37.9082, 25.5268

Background



This preview shows how black text looks on a background with the YUV color 175.8930, -37.9082, 25.5268.



This preview shows how white text looks on a background with the YUV color 175.8930, -37.9082, 25.5268.

25.5268.

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

175.8930, -37.9082, 25.5268

Protanopia

175.3760, -37.1604, 18.9642

Deuteranopia

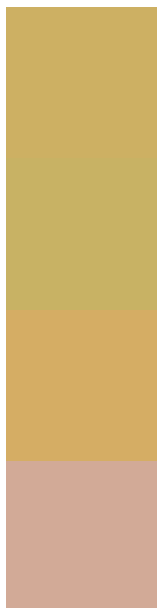
176.9590, -37.9408, 35.9930



Tritanopia

182.2360, -1.1023, 26.9800

Trichromacy



Original Color

175.8930, -37.9082, 25.5268

Protanomaly

175.6860, -37.3132, 21.3234

Deuteranomaly

176.6380, -37.7825, 31.8895

Tritanomaly

179.7940, -14.1954, 26.4907

Monochromacy



Original Color

175.8930, -37.9082, 25.5268

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.0970, -13.8518, 9.5619

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.8930, -37.9082, 25.5268 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(205, 176, 99)` looks like.

```
.text, #text, p{  
    color:rgb(205, 176, 99)  
}
```

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(205, 176, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 176, 99) }
```

Border

The CSS property to change the border of an element to YUV 175.8930, -37.9082, 25.5268 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(205, 176, 99) }
```


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

```
.border{ border-color:rgb(205, 176, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 176, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 176, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 176, 99);  
box-shadow:4px 4px 4px 4px rgb(205, 176,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 175.8930, -37.9082, 25.5268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 176, 99) }
```

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

```
.background{ background-color: rgb(205,  
176, 99) }
```

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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