

Converting Colors

YUV(173.0190, -29.0964,
-0.8937)

Have a look what the booklet for
YUV(173.0190, -29.0964, -0.8937)
contains.

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Color

**YUV(173.0190, -29.0964,
-0.8937)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB972
RGB	172, 185, 114
RGB Percent	67%, 73%, 45%
CMY	0.3255, 0.2745, 0.5529
CMYK	0.07, 0.00, 0.38, 0.27
HSL	71°, 34%, 59%
HSV	71°, 38%, 73%
XYZ	37.3995, 44.6835, 22.5732
YIQ	173.0190, 15.0430, -24.8370

Conversions

Conversions Part 2

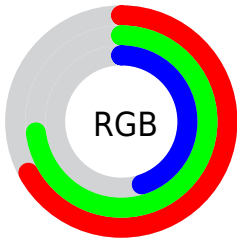
Format	Color
RYB	114, 185, 127
Decimal	11319666
CIELab	72.68, -15.86, 34.53
CIELCh	73, 38.001, 114.672
Yxy	44.6835, 0.3574, 0.4270
Android (android.graphics.Color)	4289509746 (0xFFACB972)
YUV	173.0190, -29.0964, -0.8937
Hunter-Lab	66.8457, -17.1111, 26.7703

Details

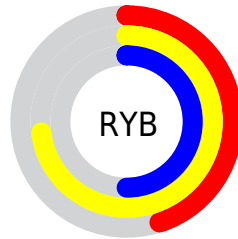
The YUV color $173.0190, -29.0964, -0.8937$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $125.9810, 29.0964, 0.8937$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $228.6770, -30.4068, -0.5937$, and $120.3610, -27.7860, -1.1936$ is the 20% darker color. If you saturate the color by 10%, you get $170.0700, -36.5165, -0.9384$, and if you desaturate by 10%, it is $176.0820, -21.2394, -0.9489$.

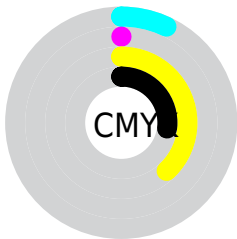
Distribution



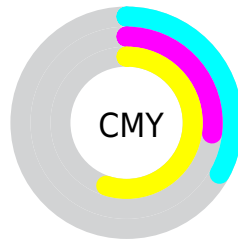
- Red (67%)
- Green (73%)
- Blue (45%)



- Red (45%)
- Yellow (73%)
- Blue (50%)



- Cyan (7%)
- Magenta (0%)
- Yellow (38%)
- Black (27%)



- Cyan (33%)
- Magenta (27%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.0190, -29.0964, -0.8937 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 173.0190, -29.0964, -0.8937 by changing the saturation by 10% instead.

■ 173.0190,
-29.0964, -0.8937

■ 173.0190,
-29.0964, -0.8937

255.0000, 0.0000,
0.0000

■ 146.2470,
-28.2228, -1.0936

■ 228.6770,
-30.4068, -0.5937

■ 120.3610,
-27.7860, -1.1936

■ 248.0460,
-26.6447, 6.0987

■ 95.2900, -26.7650,
-2.0083

■ 251.2380,
-14.4143, 3.2993

■ 70.8770, -27.0544,
-2.5231

■ 254.5440, -1.7472,
0.3999

■ 48.0880, -23.7074,
-2.7082

■ 28.5850, -14.0924,
-6.6520

■ 9.9790, -4.9196,

-8.7516

■ 0.0000, 0.0000,
0.0000

■ 173.0190,
-29.0964, -0.8937

■ 173.0190,
-29.0964, -0.8937

■ 170.0700,
-36.5165, -0.9384

■ 176.0820,
-21.2394, -0.9489

■ 166.7080,
-44.2260, -1.4979

■ 179.3300,
-13.9667, -0.2894

■ 163.7590,
-51.6462, -1.5426

■ 182.3930, -6.1097,
-0.3447

■ 160.3970,
-59.3557, -2.1022

■ 185.6410, 1.1630,
0.3148

■ 157.4480,
-66.7759, -2.1469

■ 188.7040, 9.0199,
0.2596

■ 154.3850,
-74.6328, -2.0916

■ 191.6530, 16.4401,
0.3043

■ 153.7440,
-75.7958, -2.4065

■ 195.0150, 24.1496,
0.8638

■ 197.1660, 28.5122,
1.6084

■ 198.0630, 28.0699,
3.4527

Harmonies

Analogous

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



176.4570, -33.2563, 26.7862



173.0190, -29.0964, -0.8937



168.0780, -15.3215, -32.5174

Triad

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



173.0190, -29.0964, -0.8937



157.0210, 37.9506, -85.9644



182.4870, 1.7319, 51.3159

Complementary

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



173.0190, -29.0964, -0.8937



125.9810, 29.0964, 0.8937

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.



182.8830, 17.8057, 29.0436



173.0190, -29.0964, -0.8937



171.4480, 37.2471, -46.8739

Square

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



173.0190, -29.0964, -0.8937



151.6810, 26.7793, -96.1902



180.4640, 29.8442, -5.6689



180.5790, -14.5824, 57.3742

Rectangle

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



173.0190, -29.0964, -0.8937



163.6760, -2.3053, -54.0899



180.4640, 29.8442, -5.6689



183.2350, 7.2791, 45.3979

Sweetspot

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



173.0190, -29.0964, -0.8937



234.9000, -11.7827, -0.7893



142.2730, -13.9386, 37.4716



117.1650, -6.9833, -0.1447



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



173.0190, -29.0964, -0.8937



221.3660, -45.5364, -1.1980



162.8530, -24.0845, -21.7961



90.3760, -3.6364, -0.3298



129.5450, -63.8657, -2.2320



23.3130, -11.4933, -0.2745

Inverse Universe

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



125.9810, 29.0964, 0.8937



147.9330, 45.3890, 1.8128



136.1470, 24.0845, 21.7961



84.3250, 3.7838, -0.2850



26.1560, 64.0131, 1.6172



4.6870, 11.4933, 0.2745

Previews

White Background



This preview shows how the YUV color 173.0190, -29.0964, -0.8937 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 173.0190, -29.0964, -0.8937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

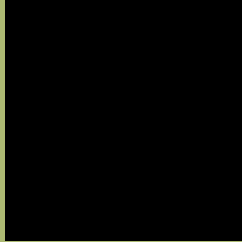
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.0190, -29.0964, -0.8937

Background



This preview shows how black text looks on a background with the YUV color 173.0190, -29.0964, -0.8937.



This preview shows how white text looks on a background with the YUV color 173.0190, -29.0964, -0.8937.

-0.8937.

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

173.0190, -29.0964, -0.8937

Protanopia

175.1460, -31.6240, 16.5350

Deuteranopia

177.1140, -29.6362, 32.3490



Tritanopia

179.0910, 5.3781, 1.6742

Trichromacy



Original Color

173.0190, -29.0964, -0.8937

Protanomaly

174.6290, -30.8761, 9.9724

Deuteranomaly

175.4500, -29.3088, 20.6534

Tritanomaly

176.7630, -7.2782, 1.0848

Monochromacy



Original Color

173.0190, -29.0964, -0.8937

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.9540, -10.3303, 0.0403

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.0190, -29.0964, -0.8937 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(172, 185, 114)` looks like.

```
.text, #text, p{  
    color:rgb(172, 185, 114)  
}
```

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(172, 185, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 185, 114) }
```

Border

The CSS property to change the border of an element to YUV 173.0190, -29.0964, -0.8937 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(172, 185, 114) }
```


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

```
.border{ border-color:rgb(172, 185, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 185, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 185, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 185, 114);  
box-shadow:4px 4px 4px 4px rgb(172, 185,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 173.0190, -29.0964, -0.8937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 185, 114) }
```

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

```
.background{ background-color: rgb(172,  
185, 114) }
```

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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