

Converting Colors

YUV(231.2700, -29.7131,
10.2872)

Have a look what the booklet for
YUV(231.2700, -29.7131, 10.2872)
contains.

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Color

**YUV(231.2700, -29.7131,
10.2872)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EDAB
RGB	243, 237, 171
RGB Percent	95%, 93%, 67%
CMY	0.0471, 0.0706, 0.3294
CMYK	0.00, 0.02, 0.30, 0.05
HSL	55°, 75%, 81%
HSV	55°, 30%, 95%
XYZ	74.5970, 82.5633, 50.5327
YIQ	231.2700, 24.7620, -19.2540

Conversions

Conversions Part 2

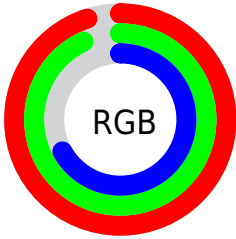
Format	Color
RYB	178, 243, 171
Decimal	15986091
CIELab	92.82, -7.86, 32.78
CIELCh	93, 33.708, 103.476
Yxy	82.5633, 0.3592, 0.3975
Android (android.graphics.Color)	4294176171 (0xFFFF3EDAB)
YUV	231.2700, -29.7131, 10.2872
Hunter-Lab	90.8644, -12.4693, 30.6319

Details

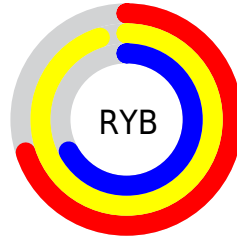
The YUV color $231.2700, -29.7131, 10.2872$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $182.7300, 29.7131, -10.2872$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.8080, -12.2303, 2.7994$, and $175.3130, -28.2553, 9.3725$ is the 20% darker color. If you saturate the color by 10%, you get $227.3600, -39.6175, 13.7163$, and if you desaturate by 10%, it is $235.1800, -19.8087, 6.8581$.

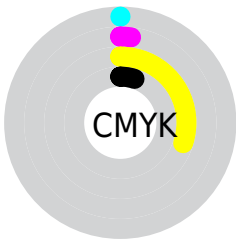
Distribution



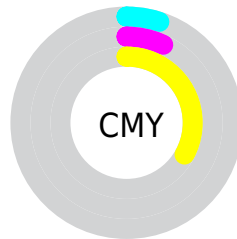
- Red (95%)
- Green (93%)
- Blue (67%)



- Red (70%)
- Yellow (95%)
- Blue (67%)



- Cyan (0%)
- Magenta (2%)
- Yellow (30%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.2700, -29.7131, 10.2872 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 231.2700, -29.7131, 10.2872 by changing the saturation by 10% instead.

■ 231.2700,
-29.7131, 10.2872

■ 231.2700,
-29.7131, 10.2872

255.0000, 0.0000,
0.0000

■ 203.0850,
-29.1289, 9.5725

■ 251.8080,
-12.2303, 2.7994

■ 175.3130,
-28.2553, 9.3725

■ 148.2420,
-27.2343, 8.5578

■ 123.0570,
-26.6501, 7.8430

■ 97.8720, -26.0659,
7.1283

■ 73.3880, -25.3343,
5.7987

■ 50.2030, -24.7501,

5.0840

■ 30.4120, -14.9931,
2.2697

■ 8.8050, -4.3409,
-7.7220

■ 231.2700,
-29.7131, 10.2872

■ 231.2700,
-29.7131, 10.2872

■ 227.3600,
-39.6175, 13.7163

■ 235.1800,
-19.8087, 6.8581

■ 223.3360,
-49.9586, 17.2453

■ 239.2040, -9.4676,
3.3291

■ 219.4260,
-59.8630, 20.6744

■ 243.1140, 0.4368,
-0.1000

■ 215.5160,
-69.7674, 24.1035

■ 245.5420, 4.6628,
-2.2293

■ 211.4920,
-80.1086, 27.6325

■ 246.7160, 4.0840,
-3.2589

■ 207.5820,
-90.0129, 31.0616

■ 247.8900, 3.5052,
-4.2885

■ 203.6720,
-99.9173, 34.4907

■ 249.0640, 2.9264,
-5.3181

■ 203.5580,
-100.3541, 34.5906

■ 250.2380, 2.3477,
-6.3477

■ 251.4120, 1.7689,
-7.3773

Harmonies

Analogous

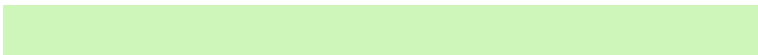
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.6290, -27.4251, 23.1274



231.2700, -29.7131, 10.2872



227.3140, -19.8748, -18.6924

Triad

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



231.2700, -29.7131, 10.2872



217.6800, 18.3988, -68.1254



230.2320, 11.7176, 21.7215

Complementary

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



231.2700, -29.7131, 10.2872



182.7300, 29.7131, -10.2872

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.



235.0420, 9.8393, 17.5032



231.2700, -29.7131, 10.2872



222.2420, 16.1497, -46.6932

Square

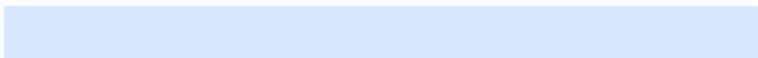
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.2700, -29.7131, 10.2872



219.2410, 14.1782, -67.7404



229.5390, 12.5523, -12.7507



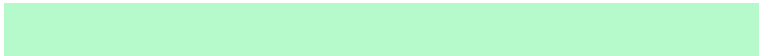
225.2960, -2.1179, 26.0504

Rectangle

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



231.2700, -29.7131, 10.2872



224.4240, -10.0690, -37.2058



229.5390, 12.5523, -12.7507



231.5200, 11.5756, 20.5920

Sweetspot

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



231.2700, -29.7131, 10.2872



251.2040, -9.4676, 3.3291



193.2120, -7.9925, 43.6641



125.1160, -5.9732, 2.5293



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

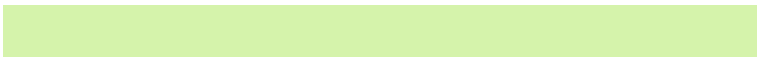
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.2700, -29.7131, 10.2872



239.8160, -37.8703, 13.3164



225.8220, -27.0272, -11.2449



120.0450, -4.9522, 1.7145



155.9910, -76.9036, 26.3179



49.3390, -24.3241, 8.4727

Inverse Universe

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



182.7300, 29.7131, -10.2872



178.1840, 37.8703, -13.3164



188.1780, 27.0272, 11.2449



111.9550, 4.9522, -1.7145



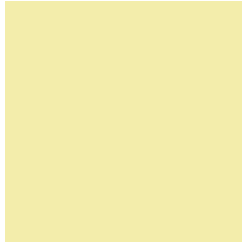
30.5960, 76.6142, -26.8327



9.6610, 24.3241, -8.4727

Previews

White Background



This preview shows how the YUV color 231.2700, -29.7131, 10.2872 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 231.2700, -29.7131, 10.2872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

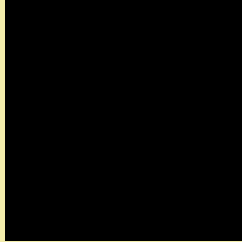
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 231.2700, -29.7131, 10.2872

Background



This preview shows how black text looks on a background with the YUV color 231.2700, -29.7131, 10.2872.



This preview shows how white text looks on a background with the YUV color 231.2700, -29.7131, 10.2872.

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

231.2700, -29.7131, 10.2872

Protanopia

232.0860, -30.6084, 17.4646

Deuteranopia

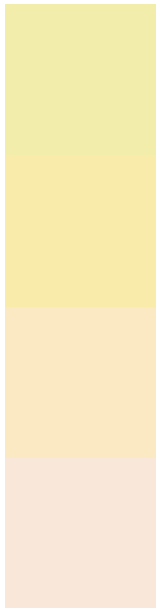
235.0810, -12.8579, 17.4690



Tritanopia

236.5270, 4.1772, 13.5698

Trichromacy



Original Color

231.2700, -29.7131, 10.2872

Protanomaly

231.7760, -30.4556, 15.1054

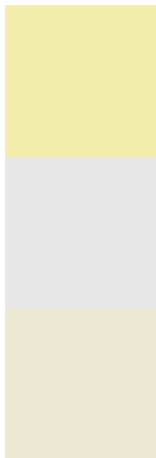
Deuteranomaly

234.0500, -19.2516, 14.8652

Tritanomaly

234.9000, -8.3317, 12.3657

Monochromacy



Original Color

231.2700, -29.7131, 10.2872

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

230.8620, -10.7780, 3.6290

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.2700, -29.7131, 10.2872 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(243, 237, 171)` looks like.

```
.text, #text, p{  
    color:rgb(243, 237, 171)  
}
```

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(243, 237, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 237, 171) }
```

Border

The CSS property to change the border of an element to YUV 231.2700, -29.7131, 10.2872 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(243, 237, 171) }
```


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

```
.border{ border-color:rgb(243, 237, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 237, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 237, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 237, 171); box-shadow:4px 4px 4px 4px rgb(243, 237, 171) }
```

Background

The CSS property to change the background color of an element to YUV 231.2700, -29.7131, 10.2872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 237, 171) }
```

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

```
.background{ background-color: rgb(243,  
237, 171) }
```

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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