

Converting Colors

YUV(231.0740, -29.1235,
7.8281)

Have a look what the booklet for
YUV(231.0740, -29.1235, 7.8281)
contains.

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Color

**YUV(231.0740, -29.1235,
7.8281)**

Conversions

Conversions Part 1

Format	Color
Hex	F0EEAC
RGB	240, 238, 172
RGB Percent	94%, 93%, 67%
CMY	0.0588, 0.0667, 0.3255
CMYK	0.00, 0.01, 0.28, 0.06
HSL	58°, 69%, 81%
HSV	58°, 28%, 94%
XYZ	73.9561, 82.6529, 51.0854
YIQ	231.0740, 22.3780, -20.1020

Conversions

Conversions Part 2

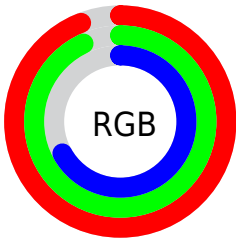
Format	Color
RYB	174, 240, 172
Decimal	15789740
CIELab	92.86, -9.35, 32.28
CIELCh	93, 33.611, 106.151
Yxy	82.6529, 0.3561, 0.3980
Android (android.graphics.Color)	4293979820 (0xFFFF0EEAC)
YUV	231.0740, -29.1235, 7.8281
Hunter-Lab	90.9136, -13.8933, 30.3238

Details

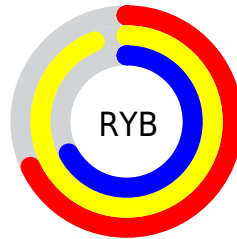
The YUV color $231.0740, -29.1235, 7.8281$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $180.9260, 29.1235, -7.8281$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.9220, -11.7935, 2.6994$, and $175.1170, -27.6657, 6.9134$ is the 20% darker color. If you saturate the color by 10%, you get $227.7510, -39.3172, 10.7424$, and if you desaturate by 10%, it is $234.3970, -18.9297, 4.9138$.

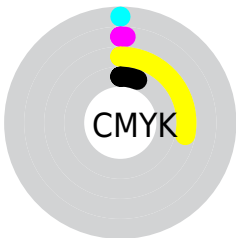
Distribution



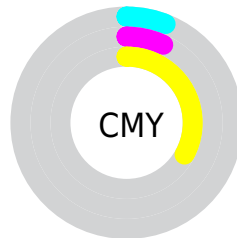
- Red (94%)
- Green (93%)
- Blue (67%)



- Red (68%)
- Yellow (94%)
- Blue (67%)



- Cyan (0%)
- Magenta (1%)
- Yellow (28%)
- Black (6%)



- Cyan (6%)
- Magenta (7%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.0740, -29.1235, 7.8281 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 231.0740, -29.1235, 7.8281 by changing the saturation by 10% instead.

■ 231.0740,
-29.1235, 7.8281

■ 231.0740,
-29.1235, 7.8281

255.0000, 0.0000,
0.0000

■ 202.8890,
-28.5393, 7.1133

■ 251.9220,
-11.7935, 2.6994

■ 175.1170,
-27.6657, 6.9134

■ 148.3450,
-26.7921, 6.7134

■ 122.1600,
-26.2079, 5.9987

■ 97.0890, -25.1869,
5.1839

■ 72.9040, -24.6027,
4.4692

■ 49.6050, -24.4553,

3.8544

■ 30.4010, -14.9877,
0.5253

■ 9.3920, -4.6303,
-8.2368

■ 231.0740,
-29.1235, 7.8281

■ 231.0740,
-29.1235, 7.8281

■ 227.7510,
-39.3172, 10.7424

■ 234.3970,
-18.9297, 4.9138

■ 225.0150,
-49.8004, 13.1418

■ 237.1330, -8.4466,
2.5144

■ 221.6920,
-59.9942, 16.0561

■ 240.4560, 1.7472,
-0.3999

■ 218.3690,
-70.1879, 18.9704

■ 242.2970, 6.2626,
-2.0145

■ 215.0460,
-80.3817, 21.8847

■ 242.8840, 5.9732,
-2.5293

■ 212.3100,
-90.8648, 24.2841

■ 243.4710, 5.6838,
-3.0441

■ 208.9870,
-101.0586, 27.1984

■ 244.0580, 5.3944,
-3.5589

■ 208.5310,
-102.8058, 27.5983

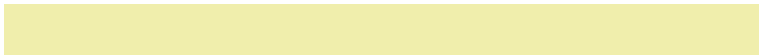
Harmonies

Analogous

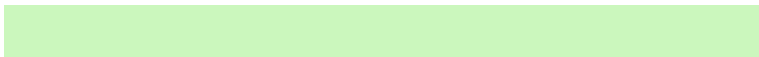
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.1020, -28.1513, 22.7125



231.0740, -29.1235, 7.8281



227.2320, -18.8484, -21.2515

Triad

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



231.0740, -29.1235, 7.8281



217.6910, 18.3933, -66.3810



229.3030, 10.6966, 22.5363

Complementary

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



231.0740, -29.1235, 7.8281



180.9260, 29.1235, -7.8281

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.



234.4550, 10.1287, 18.0180



231.0740, -29.1235, 7.8281



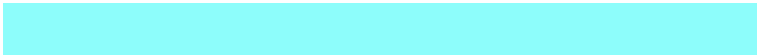
223.1500, 15.7021, -43.1045

Square

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



231.0740, -29.1235, 7.8281



219.2840, 15.6360, -68.6551



230.1480, 12.2520, -9.7768



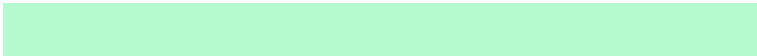
224.9540, -3.4283, 26.3503

Rectangle

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



231.0740, -29.1235, 7.8281



223.8690, -8.3164, -39.3501



230.1480, 12.2520, -9.7768



230.9330, 11.8650, 21.1068

Sweetspot

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



231.0740, -29.1235, 7.8281



251.7910, -9.7570, 2.8143



192.5600, -9.1501, 41.6049



125.7030, -6.2626, 2.0145



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

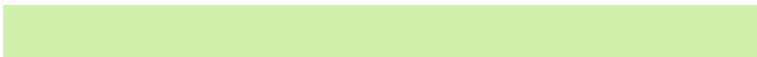
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.0740, -29.1235, 7.8281



243.3210, -37.1333, 10.2425



222.6800, -24.9852, -12.8744



118.0450, -4.9522, 1.7145



159.5020, -78.6345, 21.4847



48.4420, -23.8819, 6.6284

Inverse Universe

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



180.9260, 29.1235, -7.8281



179.6790, 37.1333, -10.2425



189.3200, 24.9852, 12.8744



109.3680, 5.2416, -1.1997



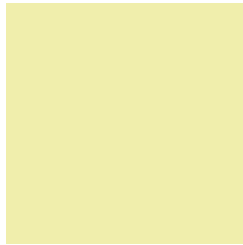
23.9110, 78.9239, -20.9699



7.5580, 23.8819, -6.6284

Previews

White Background



This preview shows how the YUV color 231.0740, -29.1235, 7.8281 looks on a white background.

Color Contrast Check

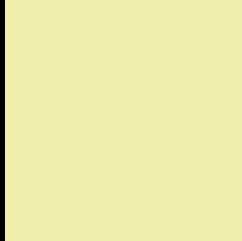
Large Text (above 18pt) WCAG AA × Fail

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 231.0740, -29.1235, 7.8281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

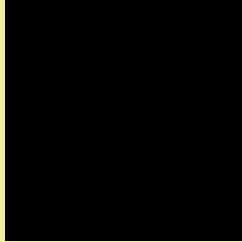
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 231.0740, -29.1235, 7.8281

Background



This preview shows how black text looks on a background with the YUV color 231.0740, -29.1235, 7.8281.

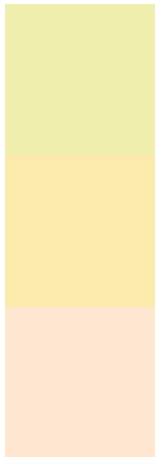


This preview shows how white text looks on a background with the YUV color 231.0740, -29.1235, 7.8281.

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

231.0740, -29.1235, 7.8281

Protanopia

232.0860, -30.6084, 17.4646

Deuteranopia

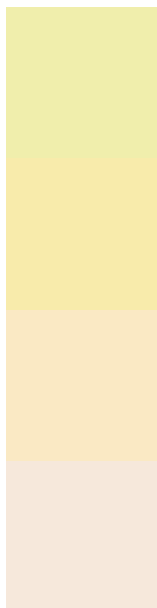
235.0810, -12.8579, 17.4690



Tritanopia

236.3310, 4.7668, 11.1107

Trichromacy



Original Color

231.0740, -29.1235, 7.8281

Protanomaly

231.5910, -29.8714, 14.3907

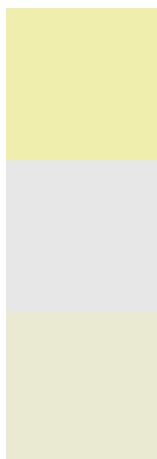
Deuteranomaly

233.8650, -18.6674, 14.1504

Tritanomaly

234.7040, -7.7421, 9.9066

Monochromacy



Original Color

231.0740, -29.1235, 7.8281

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

231.2640, -10.4832, 2.3995

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.0740, -29.1235, 7.8281 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(240, 238, 172)` looks like.

```
.text, #text, p{  
    color:rgb(240, 238, 172)  
}
```

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(240, 238, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 238, 172) }
```

Border

The CSS property to change the border of an element to YUV 231.0740, -29.1235, 7.8281 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(240, 238, 172) }
```


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

```
.border{ border-color:rgb(240, 238, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 238, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 238, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 238, 172);  
box-shadow:4px 4px 4px 4px rgb(240, 238,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 231.0740, -29.1235, 7.8281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 238, 172) }
```

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

```
.background{ background-color: rgb(240,  
238, 172) }
```

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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