

Converting Colors

YUV(231.0080, -29.0909,
-2.6380)

Have a look what the booklet for
YUV(231.0080, -29.0909, -2.6380)
contains.

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Color

**YUV(231.0080, -29.0909,
-2.6380)**

Conversions

Conversions Part 1

Format	Color
Hex	E4F4AC
RGB	228, 244, 172
RGB Percent	89%, 96%, 67%
CMY	0.1059, 0.0431, 0.3255
CMYK	0.07, 0.00, 0.30, 0.04
HSL	73°, 77%, 82%
HSV	73°, 30%, 96%
XYZ	71.7920, 84.1739, 51.4931
YIQ	231.0080, 13.5760, -25.7840

Conversions

Conversions Part 2

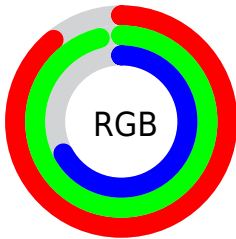
Format	Color
R _{YB}	172, 244, 188
Decimal	15004844
CIE _{Lab}	93.53, -16.74, 33.02
CIE _{LCh}	94, 37.018, 116.887
Y _{xy}	84.1739, 0.3461, 0.4057
Android (android.graphics.Color)	4293194924 (0xFFE4F4AC)
YUV	231.0080, -29.0909, -2.6380
Hunter-Lab	91.7463, -20.8789, 30.9456

Details

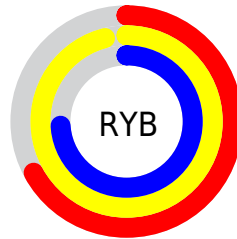
The YUV color **231.0080, -29.0909, -2.6380** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **184.9920, 29.0909, 2.6380**, and the grayscale version is **231.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.9220, -11.7935, 2.6994**, and **175.3500, -27.7805, -2.9379** is the 20% darker color. If you saturate the color by 10%, you get **226.7770, -38.8371, -3.3124**, and if you desaturate by 10%, it is **235.2390, -19.3448, -1.9636**.

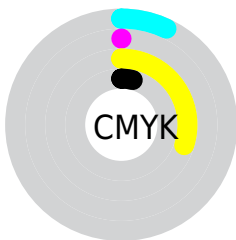
Distribution



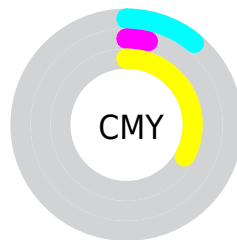
- Red (89%)
- Green (96%)
- Blue (67%)



- Red (67%)
- Yellow (96%)
- Blue (74%)



- Cyan (7%)
- Magenta (0%)
- Yellow (30%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.0080, -29.0909, -2.6380 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 231.0080, -29.0909, -2.6380 by changing the saturation by 10% instead.

■ 231.0080,
-29.0909, -2.6380

■ 231.0080,
-29.0909, -2.6380

255.0000, 0.0000,
0.0000

■ 203.1220,
-28.6541, -2.7380

■ 251.9220,
-11.7935, 2.6994

■ 175.3500,
-27.7805, -2.9379

■ 148.5780,
-26.9070, -3.1379

■ 122.3930,
-26.3227, -3.8527

■ 97.0340, -25.1598,
-3.5378

■ 72.7350, -25.0124,
-4.1526

■ 49.8490, -24.5756,

-4.2526

■ 30.0580, -14.8186,
-7.0669

■ 12.3270, -6.0772,
-10.8108

■ 231.0080,
-29.0909, -2.6380

■ 231.0080,
-29.0909, -2.6380

■ 226.7770,
-38.8371, -3.3124

■ 235.2390,
-19.3448, -1.9636

■ 222.1330,
-48.8726, -4.5016

■ 239.8830, -9.3093,
-0.7744

■ 217.9020,
-58.6187, -5.1761

■ 244.1140, 0.4368,
-0.1000

■ 213.2580,
-68.6542, -6.3653

■ 247.0480, 3.9203,
2.5889

■ 209.0270,
-78.4003, -7.0397

■ 248.5430, 3.1833,
5.6628

■ 204.4970,
-87.9990, -8.3289

■ 200.1520,
-98.1819, -8.9033

■ 200.0380,
-98.6187, -8.8033

Harmonies

Analogous

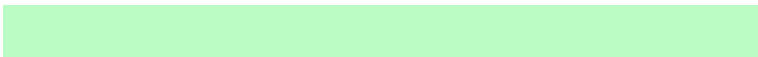
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.8260, -32.9452, 20.3236



231.0080, -29.0909, -2.6380



226.1810, -14.8792, -34.3617

Triad

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



231.0080, -29.0909, -2.6380



217.3810, 18.5462, -68.7401



227.1030, 7.3442, 24.4657

Complementary

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



231.0080, -29.0909, -2.6380



184.9920, 29.0909, 2.6380

Split Complementary

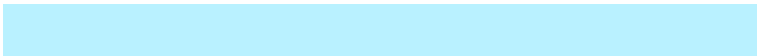
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.6940, 10.9969, 19.5624



231.0080, -29.0909, -2.6380



225.8520, 14.3700, -35.8272

Square

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



231.0080, -29.0909, -2.6380



215.8310, 19.3103, -80.5358



234.3560, 10.1775, 2.3188



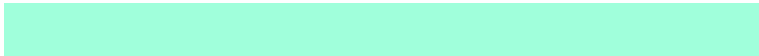
224.1730, -8.9593, 27.0353

Rectangle

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



231.0080, -29.0909, -2.6380



222.4910, -1.7211, -54.8046



234.3560, 10.1775, 2.3188



229.6450, 12.0070, 22.2363

Sweetspot

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



231.0080, -29.0909, -2.6380



250.8830, -9.3093, -0.7744



202.9200, -15.2436, 36.0272



125.0940, -5.9623, -0.9594



0.0000, 0.0000, 0.0000



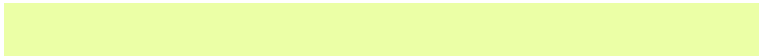
128.0000, 0.0000, 0.0000

Same Dimension

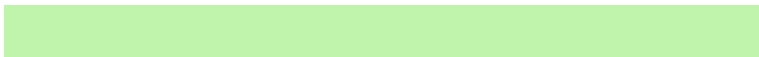
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.0080, -29.0909, -2.6380



238.8740, -35.9269, -3.3975



220.2440, -23.7843, -24.7700



120.0340, -4.9468, -0.0298



152.5370, -75.2007, -6.6099



48.3870, -23.8548, -2.0934

Inverse Universe

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



184.9920, 29.0909, 2.6380



182.1260, 35.9269, 3.3975



195.7560, 23.7843, 24.7700



112.2650, 4.7994, 0.6446



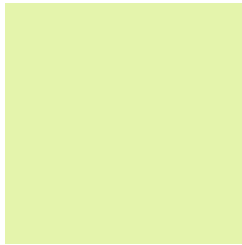
33.4630, 75.2007, 6.6099



10.6130, 23.8548, 2.0934

Previews

White Background



This preview shows how the YUV color 231.0080, -29.0909, -2.6380 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 231.0080, -29.0909, -2.6380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

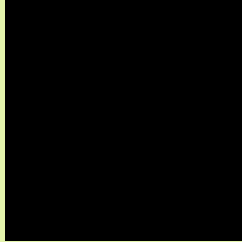
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

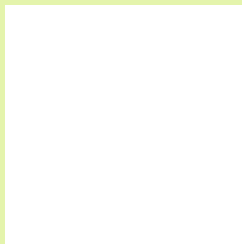
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 231.0080, -29.0909, -2.6380

Background



This preview shows how black text looks on a background with the YUV color 231.0080, -29.0909, -2.6380.



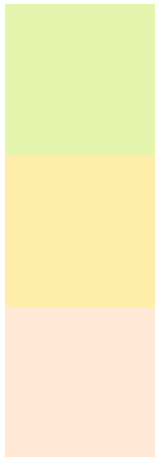
This preview shows how white text looks on a background with the YUV color 231.0080, -29.0909, -2.6380.

-2.6380.

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

231.0080, -29.0909, -2.6380

Protanopia

233.7440, -31.9188, 17.7645

Deuteranopia

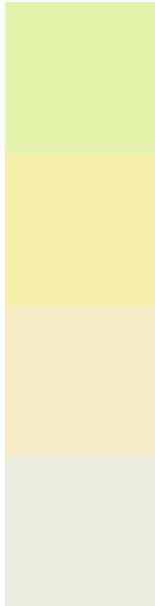
236.7110, -11.6895, 16.0395



Tritanopia

237.5470, 7.1253, 1.2743

Trichromacy



Original Color

231.0080, -29.0909, -2.6380

Protanomaly

232.9280, -31.0235, 10.5871

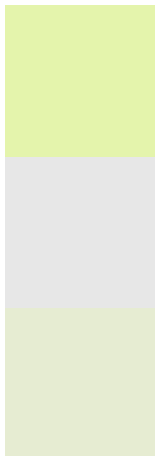
Deuteranomaly

234.3590, -17.9250, 9.3322

Tritanomaly

235.3930, -6.1097, -0.3447

Monochromacy



Original Color

231.0080, -29.0909, -2.6380

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

231.2420, -10.4723, -1.0892

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.0080, -29.0909, -2.6380 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(228, 244, 172)` looks like.

```
.text, #text, p{  
    color:rgb(228, 244, 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(228, 244, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 244, 172) }
```

Border

The CSS property to change the border of an element to YUV 231.0080, -29.0909, -2.6380 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(228, 244, 172) }
```


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

```
.border{ border-color:rgb(228, 244, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 244, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 244, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 244, 172); box-shadow:4px 4px 4px 4px rgb(228, 244, 172) }
```

Background

The CSS property to change the background color of an element to YUV 231.0080, -29.0909, -2.6380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 244, 172) }
```

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

```
.background{ background-color: rgb(228,  
244, 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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