

# Converting Colors

YUV(227.4340, -31.7660,  
15.4054)

Have a look what the booklet for  
YUV(227.4340, -31.7660, 15.4054)  
contains.

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# Color

**YUV(227.4340, -31.7660,  
15.4054)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5E7A3
RGB	245, 231, 163
RGB Percent	96%, 91%, 64%
CMY	0.0392, 0.0941, 0.3608
CMYK	0.00, 0.06, 0.33, 0.04
HSL	50°, 80%, 80%
HSV	50°, 33%, 96%
XYZ	72.8430, 79.2086, 46.0999
YIQ	227.4340, 30.1720, -18.1800

# Conversions

## Conversions Part 2

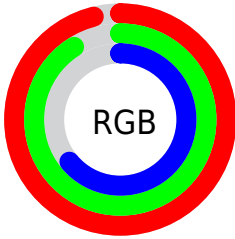
Format	Color
R <sub>Y</sub> B	180, 245, 163
Decimal	16115619
CIE Lab	91.33, -5.06, 34.87
CIE LCh	91, 35.235, 98.253
Yxy	79.2086, 0.3676, 0.3997
Android (android.graphics.Color)	4294305699 (0xFFFF5E7A3)
YUV	227.4340, -31.7660, 15.4054
Hunter-Lab	88.9992, -9.6523, 31.5884

# Details

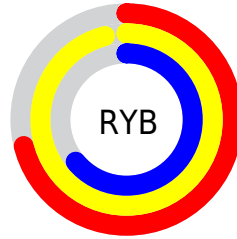
The YUV color  $227.4340, -31.7660, 15.4054$  is a light color, and the websafe version is hex  $FFFFCC$ . A complement of this color would be  $180.5660, 31.7660, -15.4054$ , and the grayscale version is  $228.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $250.7820, -16.1615, 3.6992$ , and  $172.1780, -30.1608, 13.8759$  is the 20% darker color. If you saturate the color by 10%, you get  $222.3500, -41.0915, 19.8641$ , and if you desaturate by 10%, it is  $232.5180, -22.4404, 10.9467$ .

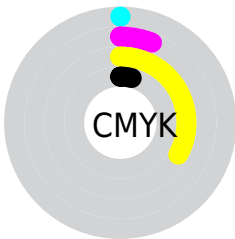
# Distribution



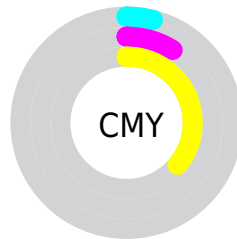
- Red (96%)
- Green (91%)
- Blue (64%)



- Red (71%)
- Yellow (96%)
- Blue (64%)



- Cyan (0%)
- Magenta (6%)
- Yellow (33%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 227.4340, -31.7660, 15.4054 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 227.4340, -31.7660, 15.4054 by changing the saturation by 10% instead.



■ 227.4340,  
-31.7660, 15.4054

■ 227.4340,  
-31.7660, 15.4054

■ 255.0000, 0.0000,  
0.0000

■ 199.2490,  
-31.1818, 14.6906

■ 250.7820,  
-16.1615, 3.6992

■ 172.1780,  
-30.1608, 13.8759

■ 254.0880, -3.4944,  
0.7998

■ 144.9930,  
-29.5765, 13.1611

■ 118.9220,  
-28.5555, 12.3464

■ 93.8510, -27.5345,  
11.5317

■ 69.7260, -27.9659,  
9.8873

■ 47.5670, -23.4505,

8.2727

■ 28.0640, -13.8356,  
4.3289

■ 5.2830, -2.6045,  
-4.6332

■ 227.4340,  
-31.7660, 15.4054

■ 227.4340,  
-31.7660, 15.4054

■ 222.3500,  
-41.0915, 19.8641

■ 232.5180,  
-22.4404, 10.9467

■ 217.1520,  
-50.8539, 24.4227

■ 237.7160,  
-12.6780, 6.3881

■ 211.4810,  
-59.8901, 29.3962

■ 243.3870, -3.6418,  
1.4146

■ 206.2830,  
-69.6525, 33.9548

■ 247.9010, 3.4998,  
-2.5442

■ 201.1990,  
-78.9781, 38.4135

■ 250.2490, 2.3422,  
-4.6034

■ 196.0010,  
-88.7405, 42.9721

■ 252.0100, 1.4741,  
-6.1478

■ 192.4160,  
-94.8611, 46.1162

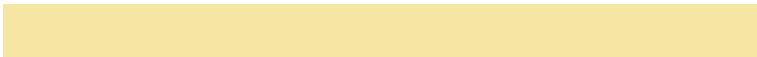
# Harmonies

## Analogous

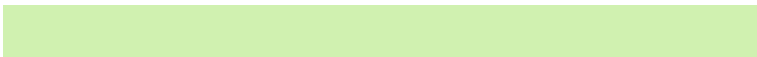
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.5370, -27.8727, 26.7161



227.4340, -31.7660, 15.4054



223.7230, -23.5274, -13.7891

# Triad

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



227.4340, -31.7660, 15.4054



211.7330, 21.3306, -75.1878



227.9980, 13.3120, 23.6808

# Complementary

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



227.4340, -31.7660, 15.4054



180.5660, 31.7660, -15.4054

# 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.



230.8890, 11.8867, 14.1293



227.4340, -31.7660, 15.4054



215.6970, 19.3764, -54.9853

# Square

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



227.4340, -31.7660, 15.4054



214.0730, 12.2890, -68.4700



224.1790, 15.1948, -20.3280



221.8880, 0.0552, 29.0392

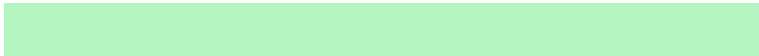


# Rectangle

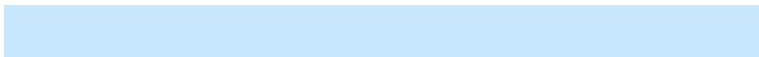
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.4340, -31.7660, 15.4054



220.0500, -12.8427, -34.2469



224.1790, 15.1948, -20.3280



229.1720, 12.7332, 22.6512

# Sweetspot

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



227.4340, -31.7660, 15.4054



249.8020, -9.7624, 4.5586



189.2280, -5.5354, 48.9120



124.4150, -6.1206, 3.1440



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

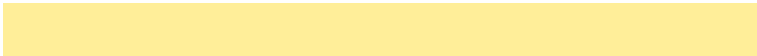


# Same Dimension

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



227.4340, -31.7660, 15.4054



233.3930, -39.6337, 18.9493



227.8780, -31.9849, -7.7860



119.4580, -4.6628, 2.2293



146.0120, -71.9839, 35.0695



46.4040, -22.8772, 11.0467



# Inverse Universe

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



180.5660, 31.7660, -15.4054



174.6070, 39.6337, -18.9493



180.1220, 31.9849, 7.7860



112.5420, 4.6628, -2.2293



39.9880, 71.9839, -35.0695

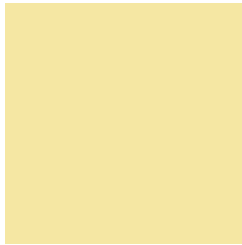


12.5960, 22.8772, -11.0467



# Previews

## White Background



This preview shows how the YUV color 227.4340, -31.7660, 15.4054 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

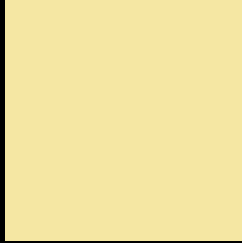
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 227.4340, -31.7660, 15.4054 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

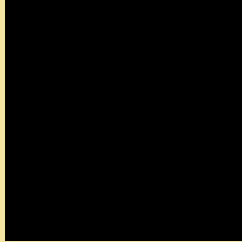
Any Text WCAG AA ✓ Pass

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 227.4340, -31.7660, 15.4054 Background



This preview shows how black text looks on a background with the YUV color 227.4340, -31.7660, 15.4054.



This preview shows how white text looks on a background with the YUV color 227.4340, -31.7660,



# 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

227.4340, -31.7660, 15.4054

### Protanopia

227.7440, -31.9188, 17.7645

### Deuteranopia

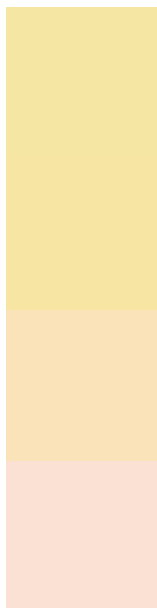
230.7780, -16.6526, 21.2427



## Tritanopia

232.9190, 2.9979, 18.4880

# Trichromacy



## Original Color

227.4340, -31.7660, 15.4054

## Protanomaly

227.4450, -31.7714, 17.1497

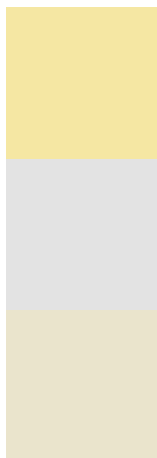
## Deuteranomaly

229.3880, -21.8833, 18.9537

## Tritanomaly

231.1780, -9.9478, 17.3839

# Monochromacy



## Original Color

227.4340, -31.7660, 15.4054

## Achromatopsia

227.0000, 0.0000, 0.0000

## Achromatomaly

227.0580, -11.3676, 6.0881

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 227.4340, -31.7660, 15.4054 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(245, 231, 163)` looks like.

```
.text, #text, p{  
    color:rgb(245, 231, 163)  
}
```

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(245, 231, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 231, 163) }
```

## Border

The CSS property to change the border of an element to YUV 227.4340, -31.7660, 15.4054 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(245, 231, 163) }
```



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

```
.border{ border-color:rgb(245, 231, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 231, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 231, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 231, 163); box-shadow:4px 4px 4px 4px rgb(245, 231, 163) }
```

# Background

The CSS property to change the background color of an element to YUV 227.4340, -31.7660, 15.4054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 231, 163) }
```

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

```
.background{ background-color: rgb(245,  
231, 163) }
```

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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