

# Converting Colors

YUV(231.9470, -19.6939,  
16.7095)

Have a look what the booklet for  
YUV(231.9470, -19.6939, 16.7095)  
contains.

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# Color

**YUV(231.9470, -19.6939,  
16.7095)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBE6C0
RGB	251, 230, 192
RGB Percent	98%, 90%, 75%
CMY	0.0157, 0.0980, 0.2471
CMYK	0.00, 0.08, 0.24, 0.02
HSL	39°, 88%, 87%
HSV	39°, 24%, 98%
XYZ	77.5949, 80.9086, 61.3964
YIQ	231.9470, 24.7140, -7.3660

# Conversions

## Conversions Part 2

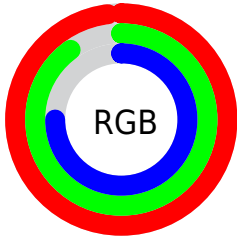
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">225, 251, 192</a>
Decimal	<a href="#">16508608</a>
CIELab	<a href="#">92.09, 1.40, 21.13</a>
CIELCh	<a href="#">92, 21.179, 86.219</a>
Yxy	<a href="#">80.9086, 0.3529, 0.3679</a>
Android (android.graphics.Color)	<a href="#">4294698688</a> ( <a href="#">0xFFFFBE6C0</a> )
YUV	<a href="#">231.9470, -19.6939, 16.7095</a>
Hunter-Lab	<a href="#">89.9492, -3.4277, 22.4950</a>

# Details

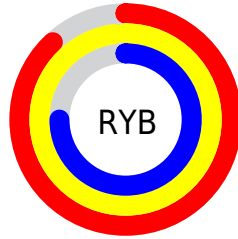
The YUV color  $231.9470, -19.6939, 16.7095$  is a light color, and the websafe version is hex  $FFFFCC$ . A complement of this color would be  $211.0530, 19.6939, -16.7095$ , and the grayscale version is  $232.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $254.3160, -2.6208, 0.5999$ , and  $176.4630, -18.9623, 15.3799$  is the 20% darker color. If you saturate the color by 10%, you get  $223.8140, -28.0093, 23.8421$ , and if you desaturate by 10%, it is  $240.0800, -11.3784, 9.5768$ .

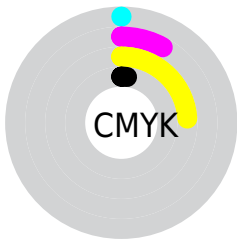
# Distribution



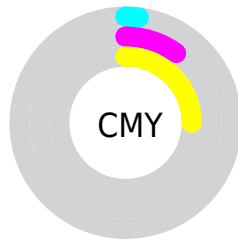
- Red (98%)
- Green (90%)
- Blue (75%)



- Red (88%)
- Yellow (98%)
- Blue (75%)



- Cyan (0%)
- Magenta (8%)
- Yellow (24%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 231.9470, -19.6939, 16.7095 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 231.9470, -19.6939, 16.7095 by changing the saturation by 10% instead.



231.9470,  
-19.6939, 16.7095

231.9470,  
-19.6939, 16.7095

255.0000, 0.0000,  
0.0000

203.7620,  
-19.1097, 15.9947

254.3160, -2.6208,  
0.5999

176.4630,  
-18.9623, 15.3799

149.3920,  
-17.9413, 14.5652

123.5060,  
-17.5045, 14.4652

98.4350, -16.4835,  
13.6505

74.5380, -16.0412,  
11.8062

51.4670, -15.0202,

10.9914

■ 30.1680, -14.8728,  
10.3767

■ 8.0070, -3.9475,  
6.1329

■ 231.9470,  
-19.6939, 16.7095

■ 231.9470,  
-19.6939, 16.7095

■ 223.8140,  
-28.0093, 23.8421

■ 240.0800,  
-11.3784, 9.5768

■ 215.6810,  
-36.3247, 30.9748

■ 248.2130, -3.0630,  
2.4442

■ 207.5480,  
-44.6402, 38.1074

■ 253.8040, 0.5896,  
-2.4591

■ 199.4150,  
-52.9556, 45.2400

■ 191.1680,  
-61.7078, 52.4727

■ 183.0350,  
-70.0233, 59.6053

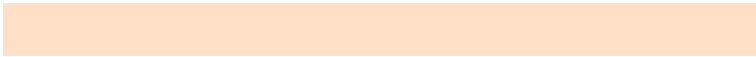
■ 174.9020,  
-78.3387, 66.7379

■ 170.1430,  
-83.8805, 70.9116

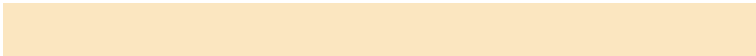
# Harmonies

## Analogous

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



230.4190, -15.4896, 21.5575



231.9470, -19.6939, 16.7095



229.9340, -16.7295, -0.8191

# Triad

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



231.9470, -19.6939, 16.7095



224.8360, 11.9129, -41.0752



235.6290, 9.5499, 16.9884

# Complementary

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



231.9470, -19.6939, 16.7095



211.0530, 19.6939, -16.7095

# 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.



232.5730, 11.0565, 0.3745



231.9470, -19.6939, 16.7095



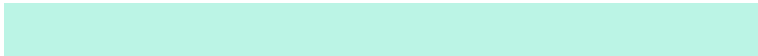
226.1510, 14.2226, -35.2124

# Square

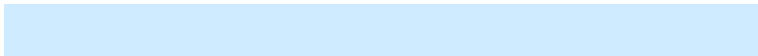
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.9470, -19.6939, 16.7095



225.2470, 1.8502, -33.5426



228.6090, 13.0108, -19.8281

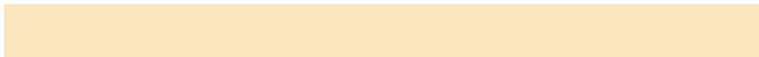


231.1150, 2.4083, 20.9471

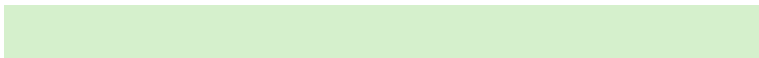


# Rectangle

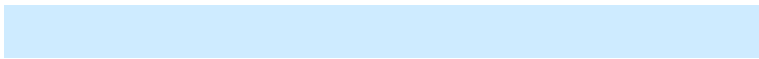
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231.9470, -19.6939, 16.7095



227.8230, -11.7447, -12.9998



228.6090, 13.0108, -19.8281



235.0090, 9.8556, 12.2701

# Sweetspot

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



231.9470, -19.6939, 16.7095



249.4260, -6.1260, 4.8884



212.1490, 0.9125, 34.0723



124.3980, -3.6472, 3.1590



0.0000, 0.0000, 0.0000

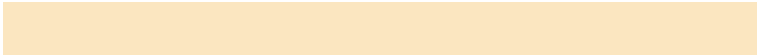


128.0000, 0.0000, 0.0000



# Same Dimension

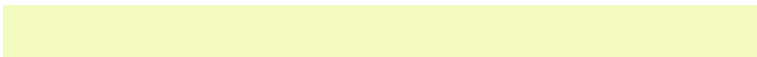
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.9470, -19.6939, 16.7095



232.2310, -23.7779, 19.9684



241.8820, -24.5918, 0.9805



121.1700, -4.5208, 3.3589



128.1250, -63.1656, 53.3874



41.1320, -20.2781, 17.4242



# Inverse Universe

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



211.0530, 19.6939, -16.7095



206.7690, 23.7779, -19.9684



201.1180, 24.5918, -0.9805



116.4170, 4.2314, -3.8737



60.8750, 63.1656, -53.3874



19.8680, 20.2781, -17.4242



# Previews

## White Background



This preview shows how the YUV color 231.9470, -19.6939, 16.7095 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

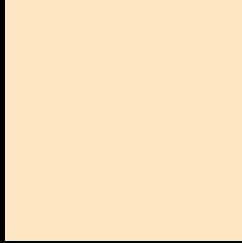
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 231.9470, -19.6939, 16.7095 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

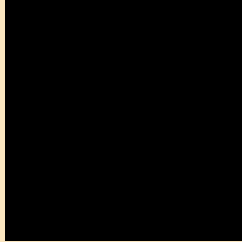
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 231.9470, -19.6939, 16.7095

## Background



This preview shows how black text looks on a background with the YUV color 231.9470, -19.6939, 16.7095.



This preview shows how white text looks on a background with the YUV color 231.9470, -19.6939, 16.7095.

16.7095.

# 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

231.9470, -19.6939, 16.7095

### Protanopia

231.4410, -18.9514, 11.8912

### Deuteranopia

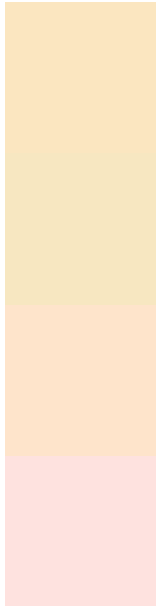
233.4340, -11.5530, 18.9134



## Tritanopia

235.0930, 2.4192, 17.4584

# Trichromacy



## Original Color

231.9470, -19.6939, 16.7095

## Protanomaly

231.4520, -18.9568, 13.6356

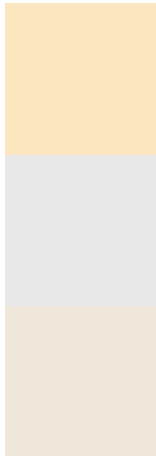
## Deuteranomaly

232.9240, -14.7525, 18.4837

## Tritanomaly

234.0300, -5.4378, 17.5137

# Monochromacy



## Original Color

231.9470, -19.6939, 16.7095

## Achromatopsia

232.0000, 0.0000, 0.0000

## Achromatomaly

231.7960, -7.2944, 6.3179

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 231.9470, -19.6939, 16.7095 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(251, 230, 192)` looks like.

```
.text, #text, p{  
    color:rgb(251, 230, 192)  
}
```

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(251, 230, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 230, 192) }
```

## Border

The CSS property to change the border of an element to YUV 231.9470, -19.6939, 16.7095 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(251, 230, 192) }
```



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

```
.border{ border-color:rgb(251, 230, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 230, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 230, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 230, 192);  
box-shadow:4px 4px 4px 4px rgb(251, 230,  
192) }
```

# Background

The CSS property to change the background color of an element to YUV 231.9470, -19.6939, 16.7095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 230, 192) }
```

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

```
.background{ background-color: rgb(251,  
230, 192) }
```

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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