

# Converting Colors

YUV(222.6130, -46.6442,  
27.5264)

Have a look what the booklet for  
YUV(222.6130, -46.6442, 27.5264)  
contains.

<b>YUV(222.6130, -46.6442, 27.5264)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(222.6130, -46.6442,  
27.5264)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEE180
RGB	254, 225, 128
RGB Percent	100%, 88%, 50%
CMY	0.0039, 0.1176, 0.4980
CMYK	0.00, 0.11, 0.50, 0.00
HSL	46°, 98%, 75%
HSV	46°, 50%, 100%
XYZ	71.6945, 76.4798, 31.4054
YIQ	222.6130, 48.4210, -24.0190

# Conversions

## Conversions Part 2

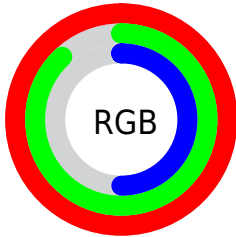
Format	Color
<a href="#">RYB</a>	<a href="#">166, 254, 128</a>
Decimal	<a href="#">16703872</a>
CIELab	<a href="#">90.08, -2.10, 50.76</a>
CIELCh	<a href="#">90, 50.800, 92.370</a>
Yxy	<a href="#">76.4798, 0.3992, 0.4259</a>
Android (android.graphics.Color)	<a href="#">4294893952 (0xFFFE180)</a>
YUV	<a href="#">222.6130, -46.6442, 27.5264</a>
Hunter-Lab	<a href="#">87.4527, -6.7063, 39.9251</a>

# Details

The YUV color  $222.6130, -46.6442, 27.5264$  is a light color, and the websafe version is hex  $\text{FFCC66}$ . A complement of this color would be  $159.3870, 46.6442, -27.5264$ , and the grayscale version is  $223.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $246.7920, -31.4495, 7.1984$ , and  $166.7590, -44.7442, 24.7674$  is the 20% darker color. If you saturate the color by 10%, you get  $216.2410, -55.8278, 33.1146$ , and if you desaturate by 10%, it is  $228.9850, -37.4606, 21.9382$ .

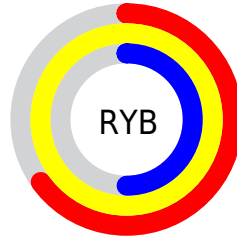
# Distribution



Red (100%)

Green (88%)

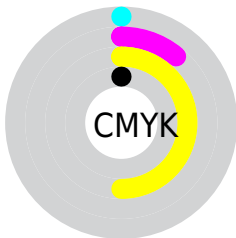
Blue (50%)



Red (65%)

Yellow (100%)

Blue (50%)

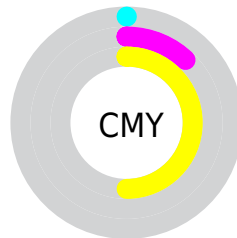


Cyan (0%)

Magenta (11%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 222.6130, -46.6442, 27.5264 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 222.6130, -46.6442, 27.5264 by changing the saturation by 10% instead.



222.6130,  
-46.6442, 27.5264

222.6130,  
-46.6442, 27.5264

255.0000, 0.0000,  
0.0000

194.2430,  
-45.4758, 26.0969

246.7920,  
-31.4495, 7.1984

166.7590,  
-44.7442, 24.7674

249.9840,  
-19.2191, 4.3990

139.8620,  
-44.3020, 22.9230

253.2900, -6.5520,  
1.4997

113.0360,  
-44.8807, 21.8934

88.3670, -43.5649,  
19.8491

66.5050, -32.7870,  
16.2201

45.5180, -22.4404,

10.9467

■ 26.6020, -13.1148,  
6.4880

■ 0.5870, -0.2894,  
-0.5148

■ 222.6130,  
-46.6442, 27.5264

■ 222.6130,  
-46.6442, 27.5264

■ 216.2410,  
-55.8278, 33.1146

■ 228.9850,  
-37.4606, 21.9382

■ 209.7550,  
-65.4482, 38.8029

■ 235.4710,  
-27.8402, 16.2499

■ 203.3830,  
-74.6318, 44.3911

■ 241.8430,  
-18.6566, 10.6617

■ 197.4840,  
-84.5416, 49.5645

■ 247.7420, -8.7468,  
5.4883

■ 191.1120,  
-93.7252, 55.1528

254.1140, 0.4368,  
-0.1000

■ 190.9980,  
-94.1620, 55.2528

254.7010, 0.1474,  
-0.6148

# Harmonies

## Analogous

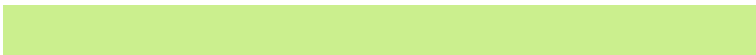
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214.4150, -36.1936, 35.5930



222.6130, -46.6442, 27.5264



217.1780, -37.0628, -12.4341

# Triad

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



222.6130, -46.6442, 27.5264



176.4070, 38.7463, -154.7089



220.3670, 17.0741, 30.3731

# Complementary

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



222.6130, -46.6442, 27.5264



159.3870, 46.6442, -27.5264

# 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.



224.9640, 14.8077, 10.5556



222.6130, -46.6442, 27.5264



186.9490, 33.5491, -120.9813

# Square

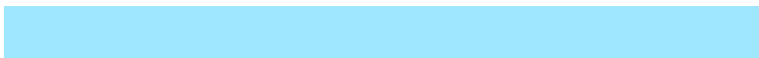
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.6130, -46.6442, 27.5264



192.8670, 17.8136, -113.8934



211.6210, 21.3858, -46.1486



212.2510, 6.2853, 37.4909

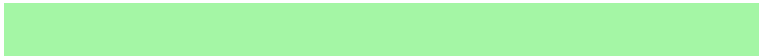


# Rectangle

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



222.6130, -46.6442, 27.5264



212.2480, -23.2933, -42.3135



211.6210, 21.3858, -46.1486



223.3020, 15.6271, 27.7991

# Sweetspot

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



222.6130, -46.6442, 27.5264



245.3850, -13.9938, 8.4324



168.9800, -5.9061, 74.5625



121.8560, -8.3100, 5.3883



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

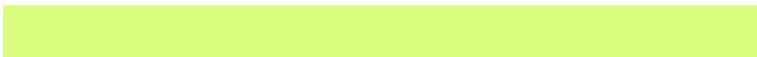
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.6130, -46.6442, 27.5264



217.0130, -56.7014, 33.3146



229.4700, -50.0247, -8.3052



124.7570, -4.8102, 2.8441



143.3980, -70.6952, 41.7470



47.8990, -23.6142, 14.1206



# Inverse Universe

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



159.3870, 46.6442, -27.5264



139.9870, 56.7014, -33.3146



152.5300, 50.0247, 8.3052



118.2430, 4.8102, -2.8441



47.6020, 70.6952, -41.7470



16.1010, 23.6142, -14.1206



# Previews

## White Background



This preview shows how the YUV color 222.6130, -46.6442, 27.5264 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

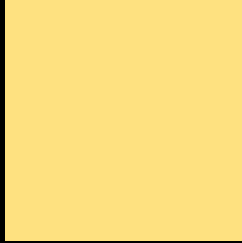
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 222.6130, -46.6442, 27.5264 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 222.6130, -46.6442, 27.5264 Background



This preview shows how black text looks on a background with the YUV color 222.6130, -46.6442, 27.5264.



This preview shows how white text looks on a background with the YUV color 222.6130, -46.6442, 27.5264.



# 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

222.6130, -46.6442, 27.5264

### Protanopia

222.4060, -46.0492, 23.3229

### Deuteranopia

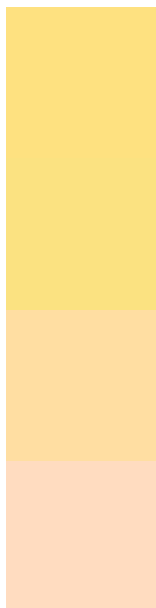
226.7200, -22.0470, 24.8016



## Tritanopia

229.7300, -0.3599, 22.1618

# Trichromacy



## Original Color

222.6130, -46.6442, 27.5264

## Protanomaly

222.4170, -46.0546, 25.0673

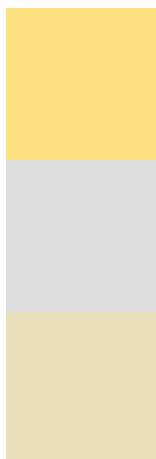
## Deuteranomaly

225.0270, -31.0723, 26.2863

## Tritanomaly

227.2730, -17.3896, 24.3166

# Monochromacy



## Original Color

222.6130, -46.6442, 27.5264

## Achromatopsia

223.0000, 0.0000, 0.0000

## Achromatomaly

222.8860, -17.1988, 9.7470

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 222.6130, -46.6442, 27.5264 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(254, 225, 128)` looks like.

```
.text, #text, p{  
    color:rgb(254, 225, 128)  
}
```

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(254, 225, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 225, 128) }
```

## Border

The CSS property to change the border of an element to YUV 222.6130, -46.6442, 27.5264 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(254, 225, 128) }
```



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

```
.border{ border-color:rgb(254, 225, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 225, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 225, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 225, 128);  
box-shadow:4px 4px 4px 4px rgb(254, 225,  
128) }
```

# Background

The CSS property to change the background color of an element to YUV 222.6130, -46.6442, 27.5264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 225, 128) }
```

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

```
.background{ background-color: rgb(254,  
225, 128) }
```

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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