

# Converting Colors

YUV(228.7770, -31.9351,  
22.9976)

Have a look what the booklet for  
YUV(228.7770, -31.9351, 22.9976)  
contains.

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# Color

**YUV(228.7770, -31.9351,  
22.9976)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE4A4
RGB	255, 228, 164
RGB Percent	100%, 89%, 64%
CMY	0.0000, 0.1059, 0.3569
CMYK	0.00, 0.11, 0.36, 0.00
HSL	42°, 100%, 82%
HSV	42°, 36%, 100%
XYZ	75.6842, 79.4271, 46.4639
YIQ	228.7770, 36.6360, -14.1800

# Conversions

## Conversions Part 2

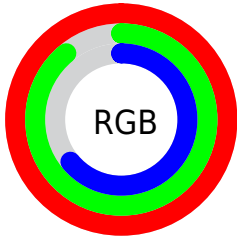
Format	Color
<a href="#">RYB</a>	<a href="#">202, 255, 164</a>
Decimal	<a href="#">16770212</a>
CIELab	<a href="#">91.43, 0.39, 34.65</a>
CIELCh	<a href="#">91, 34.648, 89.354</a>
Yxy	<a href="#">79.4271, 0.3755, 0.3940</a>
Android (android.graphics.Color)	<a href="#">4294960292</a> ( <a href="#">0xFFFFE4A4</a> )
YUV	<a href="#">228.7770, -31.9351, 22.9976</a>
Hunter-Lab	<a href="#">89.1219, -4.3773, 31.4743</a>

# Details

The YUV color  $228.7770, -31.9351, 22.9976$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $190.2230, 31.9351, -22.9976$ , and the grayscale version is  $229.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $250.8960, -15.7247, 3.5992$ , and  $173.1080, -30.6192, 20.9533$  is the 20% darker color. If you saturate the color by 10%, you get  $221.2310, -40.5399, 29.6154$ , and if you desaturate by 10%, it is  $236.4370, -22.8934, 16.2798$ .

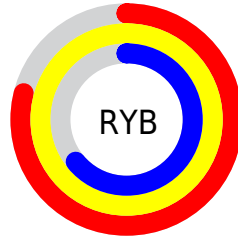
# Distribution



Red (100%)

Green (89%)

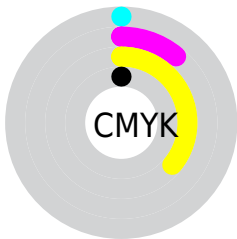
Blue (64%)



Red (79%)

Yellow (100%)

Blue (64%)

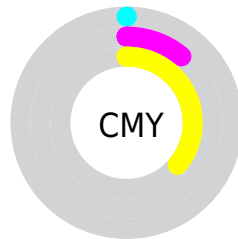


Cyan (0%)

Magenta (11%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 228.7770, -31.9351, 22.9976 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 228.7770, -31.9351, 22.9976 by changing the saturation by 10% instead.



228.7770,  
-31.9351, 22.9976

228.7770,  
-31.9351, 22.9976

255.0000, 0.0000,  
0.0000

200.5920,  
-31.3509, 22.2828

250.8960,  
-15.7247, 3.5992

173.1080,  
-30.6192, 20.9533

254.2020, -3.0576,  
0.6998

146.0370,  
-29.5982, 20.1386

120.5530,  
-28.8666, 18.8090

95.1830, -27.6982,  
17.3795

70.5850, -27.4034,  
16.1500

48.4860, -23.9036,

13.6058

■ 28.9830, -14.2886,  
9.6619

■ 5.6260, -2.7736,  
2.9590

■ 228.7770,  
-31.9351, 22.9976

■ 228.7770,  
-31.9351, 22.9976

■ 221.2310,  
-40.5399, 29.6154

■ 236.4370,  
-22.8934, 16.2798

■ 214.1580,  
-49.8709, 35.8184

■ 243.3960,  
-13.9992, 10.1767

■ 206.6120,  
-58.4757, 42.4363

■ 251.0560, -4.9576,  
3.4589

■ 199.5390,  
-67.8067, 48.6393

255.0000, 0.0000,  
0.0000

■ 191.8790,  
-76.8483, 55.3571

■ 184.9200,  
-85.7426, 61.4602

■ 181.3180,  
-89.3898, 64.6191

# Harmonies

## Analogous

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



223.4600, -24.3838, 27.6606



228.7770, -31.9351, 22.9976



225.0940, -26.1753, -4.4674

# Triad

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



228.7770, -31.9351, 22.9976



212.9180, 20.7464, -74.4731



229.7590, 12.4438, 22.1364

# Complementary

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



228.7770, -31.9351, 22.9976



190.2230, 31.9351, -22.9976

# 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.



229.3500, 12.6455, 4.0781



228.7770, -31.9351, 22.9976



215.0660, 19.6875, -61.4479

# Square

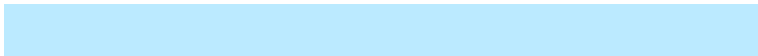
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.7770, -31.9351, 22.9976



215.8090, 6.0102, -61.2225



222.3410, 16.1009, -30.9941



223.6150, 4.1338, 27.5246

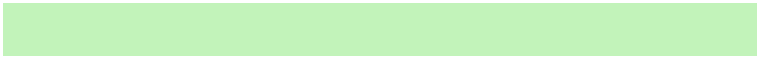


# Rectangle

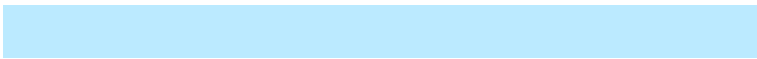
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.7770, -31.9351, 22.9976



221.8510, -17.6745, -24.4253



222.3410, 16.1009, -30.9941



231.5200, 11.5756, 20.5920

# Sweetspot

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



228.7770, -31.9351, 22.9976



247.1120, -9.9152, 6.9178



194.2870, -1.6205, 53.2453



123.1270, -5.9786, 4.2736



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

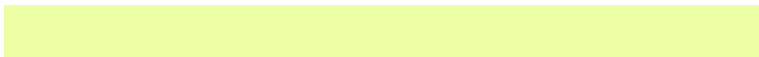
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.7770, -31.9351, 22.9976



223.0890, -38.4979, 27.9859



239.2440, -37.0953, -1.9680



124.1700, -4.5208, 3.3589



136.3540, -67.2225, 47.9245



45.5510, -22.4566, 16.1798



# Inverse Universe

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



190.2230, 31.9351, -22.9976



176.9110, 38.4979, -27.9859



179.7560, 37.0953, 1.9680



118.8300, 4.5208, -3.3589



55.2330, 66.9331, -48.4393



18.4490, 22.4566, -16.1798



# Previews

## White Background



This preview shows how the YUV color 228.7770, -31.9351, 22.9976 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

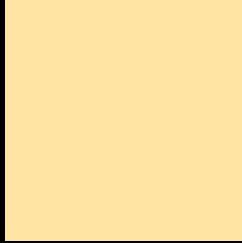
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 228.7770, -31.9351, 22.9976 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

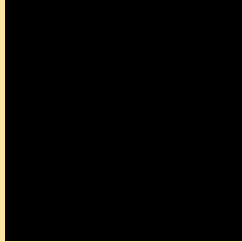
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 228.7770, -31.9351, 22.9976

## Background



This preview shows how black text looks on a background with the YUV color 228.7770, -31.9351, 22.9976.



This preview shows how white text looks on a background with the YUV color 228.7770, -31.9351, 22.9976.



# 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

228.7770, -31.9351, 22.9976

### Protanopia

227.9720, -31.0452, 17.5646

### Deuteranopia

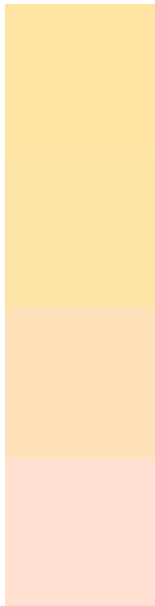
230.8920, -16.2158, 21.1427



## Tritanopia

233.2350, 0.3771, 19.0879

# Trichromacy



## Original Color

228.7770, -31.9351, 22.9976

## Protanomaly

228.2820, -31.1980, 19.9237

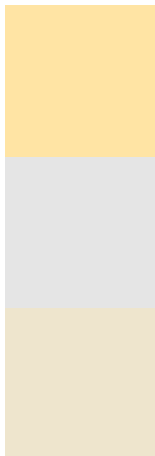
## Deuteranomaly

230.1110, -21.7467, 21.8277

## Tritanomaly

231.5590, -11.1216, 20.5578

# Monochromacy



## Original Color

228.7770, -31.9351, 22.9976

## Achromatopsia

229.0000, 0.0000, 0.0000

## Achromatomaly

228.9550, -11.8098, 7.9325

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 228.7770, -31.9351, 22.9976 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(255, 228, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 164)  
}
```

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(255, 228, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 164) }
```

## Border

The CSS property to change the border of an element to YUV 228.7770, -31.9351, 22.9976 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(255, 228, 164) }
```



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

```
.border{ border-color:rgb(255, 228, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
164) }
```

# Background

The CSS property to change the background color of an element to YUV 228.7770, -31.9351, 22.9976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 164) }
```

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

```
.background{ background-color: rgb(255,  
228, 164) }
```

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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