

# Converting Colors

YUV(230.3100, -33.6768,  
21.6531)

Have a look what the booklet for  
YUV(230.3100, -33.6768, 21.6531)  
contains.

|  |    |
|--|----|
| <b>YUV(230.3100, -33.6768, 21.6531)</b>  | 3  |
| <i><b>Conversions</b></i>                | 4  |
| <i><b>Details</b></i>                    | 6  |
| <i><b>Harmonies</b></i>                  | 12 |
| <i><b>Previews</b></i>                   | 24 |
| <i><b>Color Blindness Simulation</b></i> | 28 |
| <i><b>CSS Examples</b></i>               | 31 |

# Color

**YUV(230.3100, -33.6768,  
21.6531)**

# Conversions

| Conversions Part 1 |                             |
|--------------------|-----------------------------|
| Format             | Color                       |
| Hex                | FFE7A2                      |
| RGB                | 255, 231, 162               |
| RGB Percent        | 100%, 91%, 64%              |
| CMY                | 0.0000, 0.0941, 0.3647      |
| CMYK               | 0.00, 0.09, 0.36, 0.00      |
| HSL                | 45°, 100%, 82%              |
| HSV                | 45°, 36%, 100%              |
| XYZ                | 76.3375, 81.0205, 45.7975   |
| YIQ                | 230.3100, 36.4530, -16.3710 |

# Conversions

## Conversions Part 2

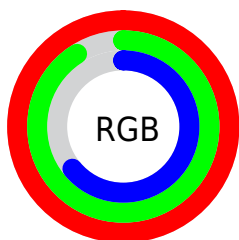
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">194, 255, 162</a>               |
| Decimal                             | <a href="#">16770978</a>                    |
| CIELab                              | <a href="#">92.14, -1.36, 36.60</a>         |
| CIELCh                              | <a href="#">92, 36.625, 92.122</a>          |
| Yxy                                 | <a href="#">81.0205, 0.3758, 0.3988</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4294961058</a><br>(0xFFFFE7A2)  |
| YUV                                 | <a href="#">230.3100, -33.6768, 21.6531</a> |
| Hunter-Lab                          | <a href="#">90.0114, -6.1363, 32.8414</a>   |

# Details

The YUV color **230.3100, -33.6768, 21.6531** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **186.6900, 33.6768, -21.6531**, and the grayscale version is **231.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.6680, -16.5983, 3.7992**, and **174.6410, -32.3610, 19.6088** is the 20% darker color. If you saturate the color by 10%, you get **223.2370, -43.0078, 27.8562**, and if you desaturate by 10%, it is **237.2690, -24.7826, 15.5501**.

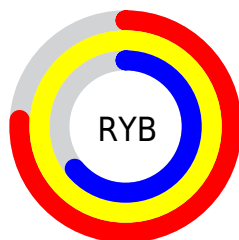
# Distribution



Red (100%)

Green (91%)

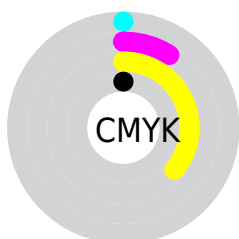
Blue (64%)



Red (76%)

Yellow (100%)

Blue (64%)

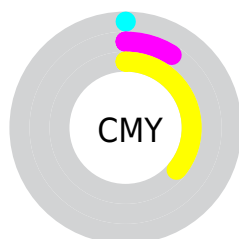


Cyan (0%)

Magenta (9%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (9%)


Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 230.3100, -33.6768, 21.6531 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 230.3100, -33.6768, 21.6531 by changing the saturation by 10% instead.





 230.3100,  
-33.6768, 21.6531


 230.3100,  
-33.6768, 21.6531


255.0000, 0.0000,  
0.0000


 202.1250,  
-33.0926, 20.9384


 250.6680,  
-16.5983, 3.7992


 174.6410,  
-32.3610, 19.6088

 253.9740, -3.9312,  
0.8998

 147.5700,  
-31.3400, 18.7941


 121.2000,  
-30.1716, 17.3646


 96.6020, -29.8768,  
16.1350


 71.8900, -30.0188,  
15.0055


 49.6600, -24.4824,


12.5762


 29.8580, -14.7200,  
8.0175


 7.9740, -3.9312,  
0.8998

 230.3100,  
-33.6768, 21.6531

 230.3100,  
-33.6768, 21.6531

 223.2370,  
-43.0078, 27.8562


 237.2690,  
-24.7826, 15.5501

 216.8650,  
-52.1914, 33.4444

 243.7550,  
-15.1622, 9.8619

 209.9060,  
-61.0857, 39.5474

 250.8280, -5.8312,  
3.6588

 203.4200,  
-70.7061, 45.2357

255.0000, 0.0000,  
0.0000

■ 196.3470,  
-80.0371, 51.4387

■ 189.9750,  
-89.2207, 57.0269

■ 187.1880,  
-92.2837, 59.4711

# Harmonies

## Analogous

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



224.2920, -26.2730, 26.9309



230.3100, -33.6768, 21.6531



226.5450, -26.8907, -8.3710

# Triad

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



230.3100, -33.6768, 21.6531



212.5860, 20.9101, -80.3209



229.1720, 12.7332, 22.6512

# Complementary

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



230.3100, -33.6768, 21.6531



186.6900, 33.6768, -21.6531

# 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.



232.0300, 11.3242, 7.8667



230.3100, -33.6768, 21.6531



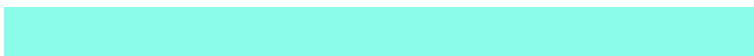
215.6420, 19.4035, -63.7070

# Square

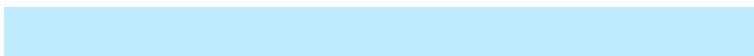
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.3100, -33.6768, 21.6531



216.1610, 8.7946, -67.6702



224.1240, 15.2219, -29.0497



223.5010, 3.6970, 27.6246

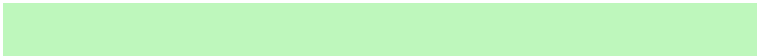


# Rectangle

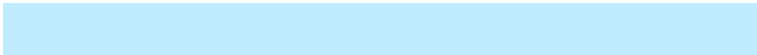
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.3100, -33.6768, 21.6531



223.2310, -17.3689, -29.1436



224.1240, 15.2219, -29.0497



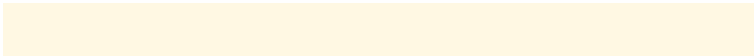
231.5200, 11.5756, 20.5920

# Sweetspot

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



230.3100, -33.6768, 21.6531



247.6990, -10.2046, 6.4030



192.6570, -2.7889, 54.6748



123.1270, -5.9786, 4.2736



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

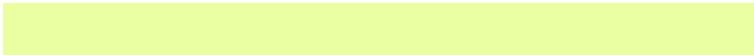
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.3100, -33.6768, 21.6531



225.2090, -40.5290, 26.1267



237.8200, -37.3793, -4.2271



124.1700, -4.5208, 3.3589



140.4630, -69.2483, 44.3209



46.7250, -23.0354, 15.1502



# Inverse Universe

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



186.6900, 33.6768, -21.6531



172.7910, 40.5290, -26.1267



179.1800, 37.3793, 4.2271



118.2430, 4.8102, -2.8441



50.5370, 69.2483, -44.3209



16.6880, 23.3248, -14.6354



# Previews

## White Background



This preview shows how the YUV color 230.3100, -33.6768, 21.6531 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

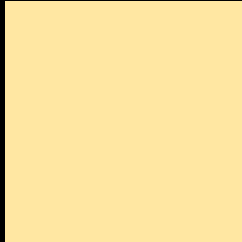
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 230.3100, -33.6768, 21.6531 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 230.3100, -33.6768, 21.6531

## Background



This preview shows how black text looks on a background with the YUV color 230.3100, -33.6768, 21.6531.



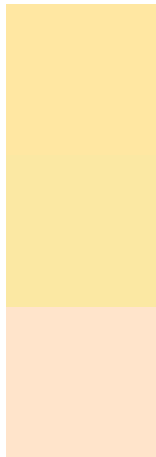
This preview shows how white text looks on a background with the YUV color 230.3100, -33.6768,



# 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

230.3100, -33.6768, 21.6531

### Protanopia

229.8150, -32.9398, 18.5792

### Deuteranopia

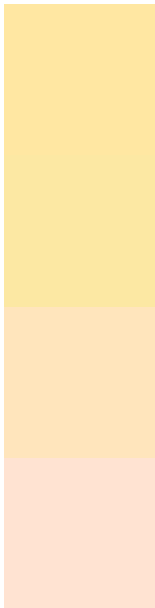
233.2230, -14.8999, 19.0984



## Tritanopia

235.3380, 0.8194, 17.2436

# Trichromacy



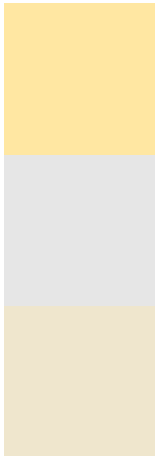
**Original Color**  
230.3100, -33.6768, 21.6531

**Protanomaly**  
230.1140, -33.0872, 19.1940

**Deuteranomaly**  
232.1000, -21.7413, 20.0833

**Tritanomaly**  
233.4340, -11.5530, 18.9134

# Monochromacy



**Original Color**  
230.3100, -33.6768, 21.6531

**Achromatopsia**  
230.0000, 0.0000, 0.0000

**Achromatomaly**  
229.8410, -12.2466, 8.0324

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 230.3100, -33.6768, 21.6531 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, 231, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 162)  
}
```

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, 231, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 162) }
```

## Border

The CSS property to change the border of an element to YUV 230.3100, -33.6768, 21.6531 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, 231, 162) }
```



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

```
.border{ border-color:rgb(255, 231, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
162) }
```

# Background

The CSS property to change the background color of an element to YUV 230.3100, -33.6768, 21.6531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 162) }
```

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

```
.background{ background-color: rgb(255,  
231, 162) }
```

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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