

# Converting Colors

YUV(216.6670, -15.1188,  
-4.0930)

Have a look what the booklet for  
YUV(216.6670, -15.1188, -4.0930)  
contains.

<b>YUV(216.6670, -15.1188, -4.0930)</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(216.6670, -15.1188,  
-4.0930)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D4E1BA
RGB	212, 225, 186
RGB Percent	83%, 88%, 73%
CMY	0.1686, 0.1176, 0.2706
CMYK	0.06, 0.00, 0.17, 0.12
HSL	80°, 39%, 81%
HSV	80°, 17%, 88%
XYZ	62.9395, 71.3926, 56.9173
YIQ	216.6670, 4.7710, -14.8850

# Conversions

## Conversions Part 2

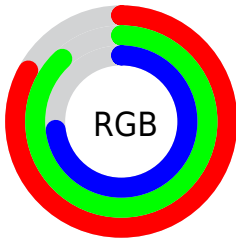
<b>Format</b>	<b>Color</b>
<b>RYB</b>	186, 225, 199
Decimal	13951418
CIELab	87.68, -11.07, 17.64
CIELCh	88, 20.823, 122.100
Yxy	71.3926, 0.3291, 0.3733
Android (android.graphics.Color)	4292141498 (0xFFD4E1BA)
YUV	216.6670, -15.1188, -4.0930
Hunter-Lab	84.4942, -14.9005, 19.2068

# Details

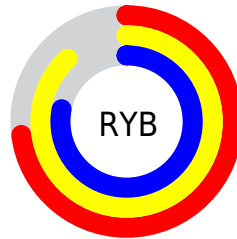
The YUV color  $216.6670, -15.1188, -4.0930$  is a light color, and the websafe version is hex  $CCCC99$ . A complement of this color would be  $194.3330, 15.1188, 4.0930$ , and the grayscale version is  $217.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $253.5180, -5.6784, 1.2997$ , and  $161.8950, -14.2452, -4.2929$  is the 20% darker color. If you saturate the color by 10%, you get  $211.9520, -24.1333, -6.0969$ , and if you desaturate by 10%, it is  $221.6810, -6.2517, -1.4742$ .

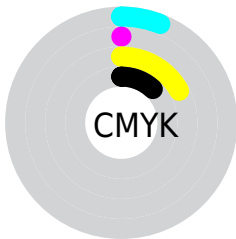
# Distribution



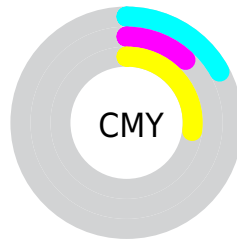
- Red (83%)
- Green (88%)
- Blue (73%)



- Red (73%)
- Yellow (88%)
- Blue (78%)



- Cyan (6%)
- Magenta (0%)
- Yellow (17%)
- Black (12%)



- Cyan (17%)
- Magenta (12%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 216.6670, -15.1188, -4.0930 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 216.6670, -15.1188, -4.0930 by changing the saturation by 10% instead.



■ 216.6670,  
-15.1188, -4.0930

■ 216.6670,  
-15.1188, -4.0930

255.0000, 0.0000,  
0.0000

■ 188.7810,  
-14.6820, -4.1929

■ 253.5180, -5.6784,  
1.2997

■ 161.8950,  
-14.2452, -4.2929

■ 135.3080,  
-13.9558, -3.7781

■ 110.4220,  
-13.5190, -3.8781

■ 85.6500, -12.6454,  
-4.0780

■ 62.1770, -11.9193,  
-3.6632

■ 40.2910, -11.4825,

-3.7632

■ 20.0350, -9.8773,  
-5.2927

■ 0.0000, 0.0000,  
0.0000

■ 216.6670,  
-15.1188, -4.0930

■ 216.6670,  
-15.1188, -4.0930

■ 211.9520,  
-24.1333, -6.0969

■ 221.6810, -6.2517,  
-1.4742

■ 207.0520,  
-32.5636, -8.8156

■ 226.2820, 2.3260,  
0.6297

■ 202.3370,  
-41.5781, -10.8195

■ 231.2960, 11.1931,  
3.2484

■ 197.4370,  
-50.0084, -13.5382

■ 233.5030, 10.5980,  
7.4519

■ 192.7220,  
-59.0229, -15.5422

■ 235.5960, 9.5662,  
11.7553

■ 187.8220,  
-67.4532, -18.2609

■ 237.3900, 8.6817,  
15.4440

■ 183.1070,  
-76.4678, -20.2648

■ 178.2070,  
-84.8981, -22.9835

■ 176.9250,  
-87.2240, -23.6132

# Harmonies

## Analogous

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



219.0390, -19.2462, 13.1208



216.6670, -15.1188, -4.0930



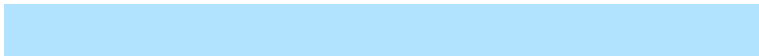
214.1470, -6.4815, -21.1769

# Triad

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



216.6670, -15.1188, -4.0930



215.1280, 19.1639, -33.4383



222.1330, -1.5446, 28.8244

# Complementary

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



216.6670, -15.1188, -4.0930



194.3330, 15.1188, 4.0930

# 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.



223.7820, 7.5025, 20.3622



216.6670, -15.1188, -4.0930



218.2980, 18.0941, -16.9243

# Square

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



216.6670, -15.1188, -4.0930



212.3030, 13.6546, -39.7307



221.7350, 15.4136, 2.8634



221.1410, -10.4225, 29.6943



# Rectangle

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



216.6670, -15.1188, -4.0930



212.9160, 0.5344, -31.4983



221.7350, 15.4136, 2.8634



222.9310, 1.5130, 28.1245

# Sweetspot

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



216.6670, -15.1188, -4.0930



252.3220, -5.0887, -1.1594



205.2920, -9.5110, 17.2839



126.1910, -3.0522, -1.0445



0.0000, 0.0000, 0.0000

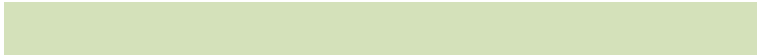


128.0000, 0.0000, 0.0000

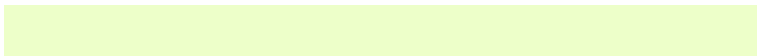


# Same Dimension

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



216.6670, -15.1188, -4.0930



243.4620, -20.9338, -5.6672



210.9860, -12.3181, -15.7737



109.5500, -4.2151, -1.3593



138.2950, -68.1794, -18.6757



37.7440, -18.6078, -5.0375



# Inverse Universe

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



194.3330, 15.1188, 4.0930



212.5380, 20.9338, 5.6672



200.3130, 12.1707, 16.3885



103.4500, 4.2151, 1.3593



37.7050, 68.1794, 18.6757

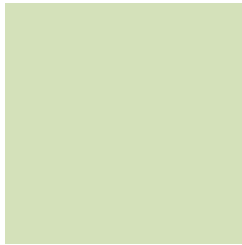


10.2560, 18.6078, 5.0375



# Previews

## White Background



This preview shows how the YUV color 216.6670, -15.1188, -4.0930 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 216.6670, -15.1188, -4.0930 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

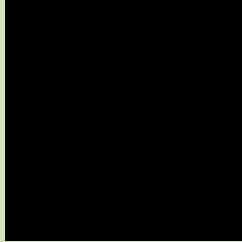
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

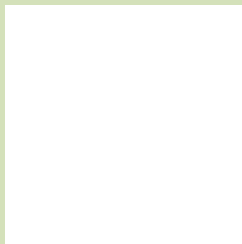
Any Text WCAG AAA ✓ Pass

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

# YUV 216.6670, -15.1188, -4.0930 Background



This preview shows how black text looks on a background with the YUV color 216.6670, -15.1188, -4.0930.



This preview shows how white text looks on a background with the YUV color 216.6670, -15.1188, -4.0930.

-4.0930.

# 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

216.6670, -15.1188, -4.0930

### Protanopia

218.7830, -17.6410, 11.5913

### Deuteranopia

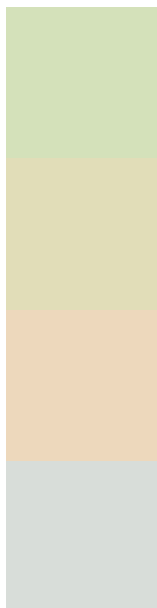
220.7510, -15.6532, 27.4054



## Tritanopia

220.2370, 7.2782, -1.0848

# Trichromacy



## Original Color

216.6670, -15.1188, -4.0930

## Protanomaly

217.9780, -16.7512, 6.1583

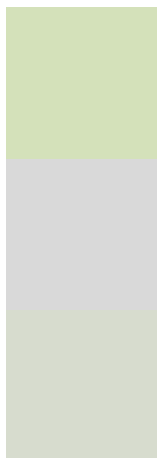
## Deuteranomaly

219.0870, -15.3259, 15.7097

## Tritanomaly

219.0490, -1.0102, -2.6740

# Monochromacy



## Original Color

216.6670, -15.1188, -4.0930

## Achromatopsia

217.0000, 0.0000, 0.0000

## Achromatomaly

216.9090, -5.3781, -1.6742

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 216.6670, -15.1188, -4.0930 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(212, 225, 186)` looks like.

```
.text, #text, p{  
    color:rgb(212, 225, 186)  
}
```

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(212, 225, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 225, 186) }
```

## Border

The CSS property to change the border of an element to YUV 216.6670, -15.1188, -4.0930 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(212, 225, 186) }
```



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

```
.border{ border-color:rgb(212, 225, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 225, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 225, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 225, 186);  
box-shadow:4px 4px 4px 4px rgb(212, 225,  
186) }
```

# Background

The CSS property to change the background color of an element to YUV 216.6670, -15.1188, -4.0930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 225, 186) }
```

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

```
.background{ background-color: rgb(212,  
225, 186) }
```

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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