

# Converting Colors

YUV(218.1990, -42.0031,  
32.2745)

Have a look what the booklet for  
YUV(218.1990, -42.0031, 32.2745)  
contains.

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# Color

**YUV(218.1990, -42.0031,  
32.2745)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD885
RGB	255, 216, 133
RGB Percent	100%, 85%, 52%
CMY	0.0000, 0.1529, 0.4784
CMYK	0.00, 0.15, 0.48, 0.00
HSL	41°, 100%, 76%
HSV	41°, 48%, 100%
XYZ	70.0295, 72.0652, 32.4093
YIQ	218.1990, 49.8870, -17.5450

# Conversions

## Conversions Part 2

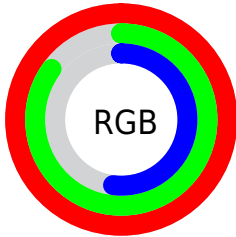
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 255, 133
Decimal	16767109
CIE <sub>Lab</sub>	88.00, 3.32, 45.77
CIE <sub>LCh</sub>	88, 45.894, 85.850
Yxy	72.0652, 0.4013, 0.4130
Android (android.graphics.Color)	4294957189 (0xFFFFD885)
YUV	218.1990, -42.0031, 32.2745
Hunter-Lab	84.8912, -1.3092, 36.7884

# Details

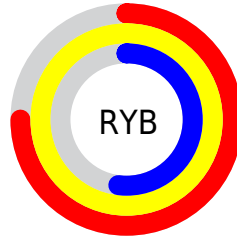
The YUV color  $218.1990, -42.0031, 32.2745$  is a light color, and the websafe version is hex  $\text{FFCC66}$ . A complement of this color would be  $169.8010, 42.0031, -32.2745$ , and the grayscale version is  $219.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $247.2480, -29.7023, 6.7985$ , and  $162.3450, -40.1031, 29.5154$  is the 20% darker color. If you saturate the color by 10%, you get  $210.6530, -50.6079, 38.8923$ , and if you desaturate by 10%, it is  $225.8590, -32.9615, 25.5567$ .

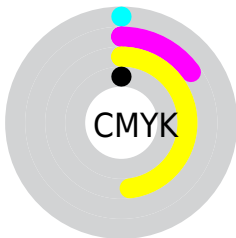
# Distribution



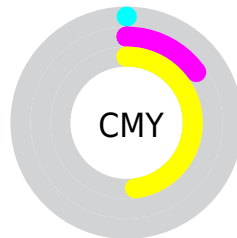
- Red (100%)
- Green (85%)
- Blue (52%)



- Red (75%)
- Yellow (100%)
- Blue (52%)



- Cyan (0%)
- Magenta (15%)
- Yellow (48%)
- Black (0%)



- Cyan (0%)
- Magenta (15%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 218.1990, -42.0031, 32.2745 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 218.1990, -42.0031, 32.2745 by changing the saturation by 10% instead.



218.1990,  
-42.0031, 32.2745

218.1990,  
-42.0031, 32.2745

255.0000, 0.0000,  
0.0000

189.8290,  
-40.8347, 30.8450

247.2480,  
-29.7023, 6.7985

162.3450,  
-40.1031, 29.5154

250.5540,  
-17.0351, 3.8991

135.5620,  
-39.2241, 27.5711

253.7460, -4.8048,  
1.0998

109.6650,  
-38.7818, 25.7268

84.0840, -40.9604,  
24.4823

62.6950, -30.9086,  
20.4385

41.7080, -20.5620,

15.1651

■ 22.4930, -11.0890,  
10.0916

■ 0.0000, 0.0000,  
0.0000

■ 218.1990,  
-42.0031, 32.2745

■ 218.1990,  
-42.0031, 32.2745

■ 210.6530,  
-50.6079, 38.8923

■ 225.8590,  
-32.9615, 25.5567

■ 202.9930,  
-59.6495, 45.6101

■ 233.4050,  
-24.3567, 18.9388

■ 195.4470,  
-68.2544, 52.2280

■ 241.0650,  
-15.3150, 12.2210

■ 187.2000,  
-77.0066, 59.4606

■ 249.1980, -6.9996,  
5.0884

■ 179.6540,  
-85.6114, 66.0784

255.0000, 0.0000,  
0.0000

■ 177.7960,  
-87.6534, 67.7079

# Harmonies

## Analogous

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



211.3320, -30.2367, 38.2968



218.1990, -42.0031, 32.2745



214.1730, -36.0743, -2.7827

# Triad

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



218.1990, -42.0031, 32.2745



181.8770, 36.0496, -129.6881



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.



218.1990, -42.0031, 32.2745



169.8010, 42.0031, -32.2745

# 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.



218.3970, 18.0453, -1.2252



218.1990, -42.0031, 32.2745



188.5100, 32.7796, -107.4413

# Square

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



218.1990, -42.0031, 32.2745



197.7090, 7.5385, -84.8138



205.9730, 24.1703, -52.5963



212.1200, 8.3218, 37.6058

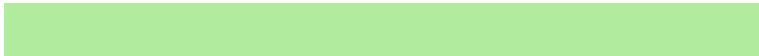


# Rectangle

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



218.1990, -42.0031, 32.2745



209.4670, -25.3732, -28.4736



205.9730, 24.1703, -52.5963



223.3020, 15.6271, 27.7991

# Sweetspot

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



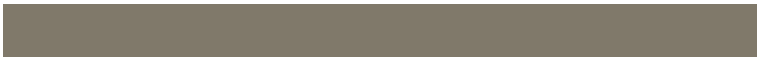
218.1990, -42.0031, 32.2745



244.4390, -12.5414, 9.2620



174.1520, -0.0749, 70.9037



121.3830, -7.5838, 5.8031



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.



218.1990, -42.0031, 32.2745



211.4680, -50.0237, 38.1776



235.1120, -50.3412, -0.0982



123.5830, -4.2314, 3.8737



133.4190, -65.7756, 50.4985



44.3770, -21.8779, 17.2094



# Inverse Universe

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



169.8010, 42.0031, -32.2745



153.5320, 50.0237, -38.1776



152.8880, 50.3412, 0.0982



118.8300, 4.5208, -3.3589



57.5810, 65.7756, -50.4985



19.0360, 22.1673, -16.6946



# Previews

## White Background



This preview shows how the YUV color 218.1990, -42.0031, 32.2745 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

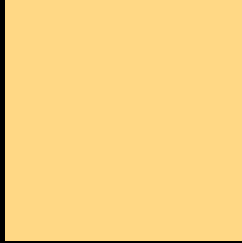
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 218.1990, -42.0031, 32.2745 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 218.1990, -42.0031, 32.2745 Background



This preview shows how black text looks on a background with the YUV color 218.1990, -42.0031, 32.2745.



This preview shows how white text looks on a background with the YUV color 218.1990, -42.0031, 32.2745.



# 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

218.1990, -42.0031, 32.2745

### Protanopia

217.1760, -40.5128, 20.8936

### Deuteranopia

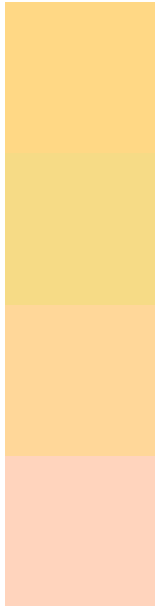
220.6730, -27.4468, 30.1048



## Tritanopia

224.1220, -1.5391, 27.0800

# Trichromacy



## Original Color

218.1990, -42.0031, 32.2745

## Protanomaly

217.3830, -41.1078, 25.0971

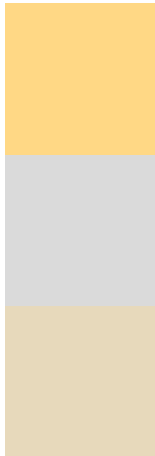
## Deuteranomaly

219.8920, -32.9778, 30.7897

## Tritanomaly

222.2350, -16.3849, 28.7349

# Monochromacy



## Original Color

218.1990, -42.0031, 32.2745

## Achromatopsia

218.0000, 0.0000, 0.0000

## Achromatomaly

217.7660, -15.1676, 11.6062

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 218.1990, -42.0031, 32.2745 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, 216, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 133)  
}
```

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, 216, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 133) }
```

## Border

The CSS property to change the border of an element to YUV 218.1990, -42.0031, 32.2745 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, 216, 133) }
```



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

```
.border{ border-color:rgb(255, 216, 133) }
```

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

Here you see how a box with a 4 pixel rgb(255, 216, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
133) }
```

# Background

The CSS property to change the background color of an element to YUV 218.1990, -42.0031, 32.2745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 133) }
```

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

```
.background{ background-color: rgb(255,  
216, 133) }
```

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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