

# Converting Colors

YUV(220.2740, -42.5331,  
15.5457)

Have a look what the booklet for  
YUV(220.2740, -42.5331, 15.5457)  
contains.

<b>YUV(220.2740, -42.5331, 15.5457)</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(220.2740, -42.5331,  
15.5457)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEE486
RGB	238, 228, 134
RGB Percent	93%, 89%, 53%
CMY	0.0667, 0.1059, 0.4745
CMYK	0.00, 0.04, 0.44, 0.07
HSL	54°, 75%, 73%
HSV	54°, 44%, 93%
XYZ	67.3064, 75.3852, 33.5576
YIQ	220.2740, 36.1340, -27.1140

# Conversions

## Conversions Part 2

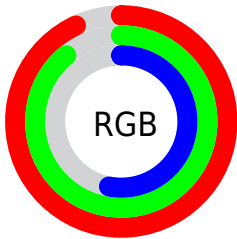
Format	Color
R <sub>Y</sub> B	145, 238, 134
Decimal	15656070
CIE Lab	89.57, -9.39, 46.93
CIE LCh	90, 47.858, 101.316
Yxy	75.3852, 0.3819, 0.4277
Android (android.graphics.Color)	4293846150 (0xFFEEE486)
YUV	220.2740, -42.5331, 15.5457
Hunter-Lab	86.8246, -13.5701, 37.8617

# Details

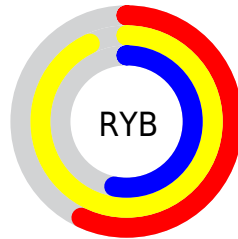
The YUV color  $220.2740, -42.5331, 15.5457$  is a light color, and the websafe version is hex  $FFFF99$ . A complement of this color would be  $151.7260, 42.5331, -15.5457$ , and the grayscale version is  $221.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $247.4760, -28.8287, 6.5985$ , and  $164.7190, -40.7805, 13.4014$  is the 20% darker color. If you saturate the color by 10%, you get  $216.3640, -52.4375, 18.9748$ , and if you desaturate by 10%, it is  $224.1840, -32.6287, 12.1166$ .

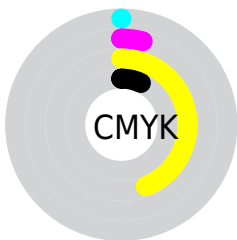
# Distribution



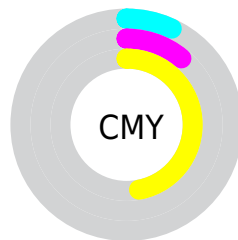
- Red (93%)
- Green (89%)
- Blue (53%)



- Red (57%)
- Yellow (93%)
- Blue (53%)



- Cyan (0%)
- Magenta (4%)
- Yellow (44%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 220.2740, -42.5331, 15.5457 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 220.2740, -42.5331, 15.5457 by changing the saturation by 10% instead.



■ 220.2740,  
-42.5331, 15.5457

■ 220.2740,  
-42.5331, 15.5457

■ 255.0000, 0.0000,  
0.0000

■ 192.2030,  
-41.5121, 14.7310

■ 247.4760,  
-28.8287, 6.5985

■ 164.7190,  
-40.7805, 13.4014

■ 250.6680,  
-16.5983, 3.7992

■ 137.6480,  
-39.7595, 12.5867

■ 253.9740, -3.9312,  
0.8998

■ 111.9360,  
-39.9014, 11.4571

■ 85.6540, -42.2274,  
10.8274

■ 64.0910, -31.5969,  
7.8132

■ 43.7020, -21.5451,

3.7693

■ 23.9000, -11.7827,  
-0.7893

■ 0.0000, 0.0000,  
0.0000

■ 220.2740,  
-42.5331, 15.5457

■ 220.2740,  
-42.5331, 15.5457

■ 216.3640,  
-52.4375, 18.9748

■ 224.1840,  
-32.6287, 12.1166

■ 211.8670,  
-62.0524, 22.9186

■ 228.6810,  
-23.0137, 8.1728

■ 208.0710,  
-71.5200, 26.2477

■ 232.4770,  
-13.5462, 4.8437

■ 204.1610,  
-81.4244, 29.6768

■ 236.3870, -3.6418,  
1.4146

■ 200.2510,  
-91.3287, 33.1059

■ 240.2970, 6.2626,  
-2.0145

■ 197.3670,  
-97.3019, 35.6351

■ 242.2860, 6.2680,  
-3.7588

■ 243.4600, 5.6892,  
-4.7884

■ 244.6340, 5.1104,  
-5.8180

■ 246.3950, 4.2423,  
-7.3624

# Harmonies

## Analogous

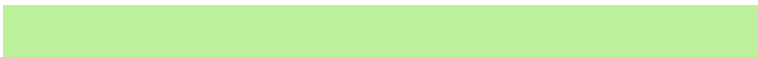
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216.5350, -38.2248, 33.7338



220.2740, -42.5331, 15.5457



214.7620, -29.4627, -23.4703

# Triad

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



220.2740, -42.5331, 15.5457



174.0590, 39.9039, -152.6497



218.6060, 17.9422, 31.9175

# Complementary

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



220.2740, -42.5331, 15.5457



151.7260, 42.5331, -15.5457

# 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.



226.2260, 14.1856, 23.4808



220.2740, -42.5331, 15.5457



199.8720, 27.1781, -84.0797

# Square

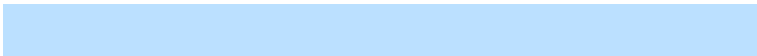
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220.2740, -42.5331, 15.5457



191.3810, 24.9552, -117.8521



216.4710, 18.9948, -25.8461



211.0140, -0.9929, 38.5757



# Rectangle

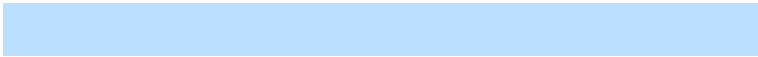
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



220.2740, -42.5331, 15.5457



209.7720, -14.6776, -52.4200



216.4710, 18.9948, -25.8461



220.9540, 16.7847, 29.8583

# Sweetspot

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



220.2740, -42.5331, 15.5457



249.4770, -13.5462, 4.8437



166.2360, -10.9623, 62.9370



124.4320, -8.5940, 3.1291



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.



220.2740, -42.5331, 15.5457



232.2070, -54.3321, 19.9895



213.5860, -39.2359, -15.4229



118.0450, -4.9522, 1.7145



152.4580, -75.1618, 27.6623



46.6810, -23.0137, 8.1728



# Inverse Universe

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



151.7260, 42.5331, -15.5457



144.7930, 54.3321, -19.9895



158.4140, 39.2359, 15.4229



109.9550, 4.9522, -1.7145



31.5420, 75.1618, -27.6623

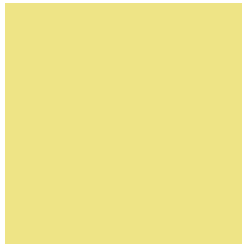


9.3190, 23.0137, -8.1728



# Previews

## White Background



This preview shows how the YUV color 220.2740, -42.5331, 15.5457 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 220.2740, -42.5331, 15.5457 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 220.2740, -42.5331, 15.5457

## Background



This preview shows how black text looks on a background with the YUV color 220.2740, -42.5331, 15.5457.



This preview shows how white text looks on a background with the YUV color 220.2740, -42.5331, 15.5457.



# 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

220.2740, -42.5331, 15.5457

### Protanopia

220.7910, -43.2810, 22.1083

### Deuteranopia

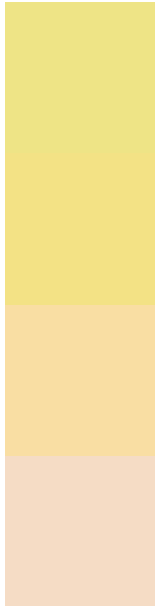
225.2040, -22.7786, 26.1311



## Tritanopia

227.8050, 2.5611, 18.5880

# Trichromacy



## Original Color

220.2740, -42.5331, 15.5457

## Protanomaly

220.4810, -43.1281, 19.7492

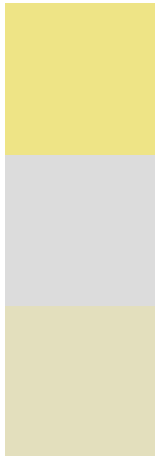
## Deuteranomaly

223.3470, -29.7511, 22.4977

## Tritanomaly

224.8530, -13.7315, 17.6689

# Monochromacy



## Original Color

220.2740, -42.5331, 15.5457

## Achromatopsia

220.0000, 0.0000, 0.0000

## Achromatomaly

220.3200, -15.4408, 5.8584

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 220.2740, -42.5331, 15.5457 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(238, 228, 134)` looks like.

```
.text, #text, p{  
    color:rgb(238, 228, 134)  
}
```

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(238, 228, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 228, 134) }
```

## Border

The CSS property to change the border of an element to YUV 220.2740, -42.5331, 15.5457 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(238, 228, 134) }
```



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

```
.border{ border-color:rgb(238, 228, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 228, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 228, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 228, 134); box-shadow:4px 4px 4px 4px rgb(238, 228, 134) }
```

# Background

The CSS property to change the background color of an element to YUV 220.2740, -42.5331, 15.5457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 228, 134) }
```

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

```
.background{ background-color: rgb(238,  
228, 134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor