

# Converting Colors

YUV(221.4890, -15.0311,  
14.4801)

Have a look what the booklet for  
YUV(221.4890, -15.0311, 14.4801)  
contains.

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# Color

**YUV(221.4890, -15.0311,  
14.4801)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEDBBF
RGB	238, 219, 191
RGB Percent	93%, 86%, 75%
CMY	0.0667, 0.1412, 0.2510
CMYK	0.00, 0.08, 0.20, 0.07
HSL	36°, 58%, 84%
HSV	36°, 20%, 93%
XYZ	69.9954, 72.6018, 59.6146
YIQ	221.4890, 20.3120, -4.6800

# Conversions

## Conversions Part 2

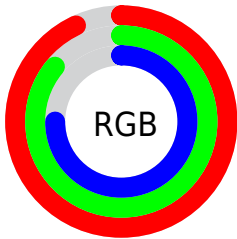
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 238, 191
Decimal	15653823
CIE Lab	88.26, 2.14, 16.14
CIE LCh	88, 16.279, 82.453
Yxy	72.6018, 0.3461, 0.3590
Android (android.graphics.Color)	4293843903 (0xFFEEDBBF)
YUV	221.4890, -15.0311, 14.4801
Hunter-Lab	85.2067, -2.4779, 18.1626

# Details

The YUV color  $221.4890, -15.0311, 14.4801$  is a light color, and the websafe version is hex  $CCCC99$ . A complement of this color would be  $207.5110, 15.0311, -14.4801$ , and the grayscale version is  $222.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $254.0880, -3.4944, 0.7998$ , and  $166.4180, -14.0101, 13.6654$  is the 20% darker color. If you saturate the color by 10%, you get  $212.8830, -22.6203, 22.0276$ , and if you desaturate by 10%, it is  $230.0950, -7.4418, 6.9327$ .

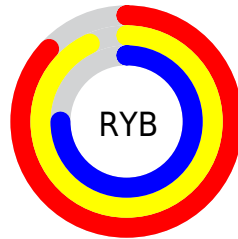
# Distribution



Red (93%)

Green (86%)

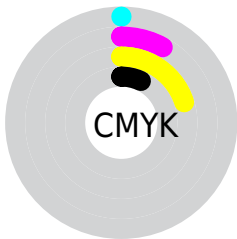
Blue (75%)



Red (87%)

Yellow (93%)

Blue (75%)

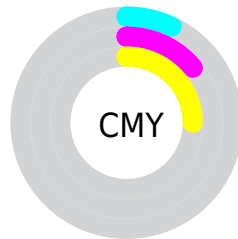


Cyan (0%)

Magenta (8%)

Yellow (20%)

Black (7%)



Cyan (7%)

Magenta (14%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 221.4890, -15.0311, 14.4801 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 221.4890, -15.0311, 14.4801 by changing the saturation by 10% instead.



■ 221.4890,  
-15.0311, 14.4801

■ 221.4890,  
-15.0311, 14.4801

255.0000, 0.0000,  
0.0000

■ 193.6030,  
-14.5943, 14.3802

■ 254.0880, -3.4944,  
0.7998

■ 166.4180,  
-14.0101, 13.6654

■ 140.1190,  
-13.8627, 13.0506

■ 114.0480,  
-12.8417, 12.2359

■ 89.7490, -12.6943,  
11.6211

■ 66.2650, -11.9626,  
10.2916

■ 44.0800, -11.3784,

9.5768

■ 23.0800, -11.3784,  
9.5768

■ 0.0000, 0.0000,  
0.0000

■ 221.4890,  
-15.0311, 14.4801

■ 221.4890,  
-15.0311, 14.4801

■ 212.8830,  
-22.6203, 22.0276

■ 230.0950, -7.4418,  
6.9327

■ 204.8640,  
-30.4990, 29.0603

■ 238.1140, 0.4368,  
-0.1000

■ 196.3720,  
-37.6514, 36.5078

■ 245.8080, 4.5317,  
-6.8476

■ 188.3530,  
-45.5300, 43.5404

■ 249.9170, 2.5059,  
-10.4512

■ 179.7470,  
-53.1193, 51.0879

■ 171.1410,  
-60.7085, 58.6353

■ 163.1220,  
-68.5871, 65.6680

■ 154.6300,  
-75.7396, 73.1155

■ 154.5160,  
-76.1764, 73.2155

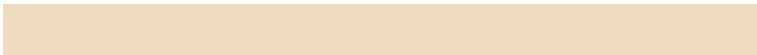
# Harmonies

## Analogous

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



222.8260, -12.7322, 23.8316



221.4890, -15.0311, 14.4801



219.5690, -13.0985, 1.2550

# Triad

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



221.4890, -15.0311, 14.4801



215.9900, 8.3859, -29.8092



224.1400, 7.8190, 12.1552

# Complementary

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



221.4890, -15.0311, 14.4801



207.5110, 15.0311, -14.4801

# 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.



222.8330, 13.3933, -2.4845



221.4890, -15.0311, 14.4801



217.3800, 13.6167, -27.5203

# Square

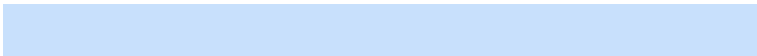
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.4890, -15.0311, 14.4801



216.2590, 0.3653, -23.9061



220.0160, 15.7681, -17.5540



224.6700, 0.6557, 23.0914



# Rectangle

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



221.4890, -15.0311, 14.4801



218.3120, -10.0138, -8.1666



220.0160, 15.7681, -17.5540



223.3890, 10.1612, 7.5518

# Sweetspot

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



221.4890, -15.0311, 14.4801



249.7680, -4.8156, 4.5885



207.3330, 1.8078, 26.8950



124.6260, -2.7736, 2.9590



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.



221.4890, -15.0311, 14.4801



233.3710, -19.4099, 18.9686



231.4460, -19.9399, 2.2399



115.6970, -3.7946, 3.7737



118.9990, -58.6665, 57.0059



36.1150, -17.8047, 17.4391



# Inverse Universe

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



207.5110, 15.0311, -14.4801



215.6290, 19.4099, -18.9686



197.5540, 19.9399, -2.2399



112.3030, 3.7946, -3.7737



64.4140, 58.9559, -56.4911

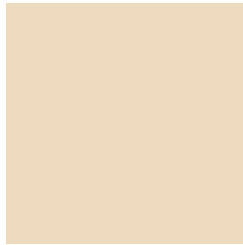


19.8850, 17.8047, -17.4391



# Previews

## White Background



This preview shows how the YUV color 221.4890, -15.0311, 14.4801 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 221.4890, -15.0311, 14.4801 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

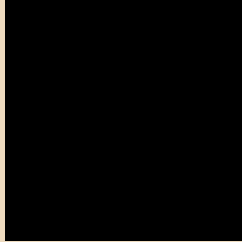
Any Text WCAG AA ✓ Pass

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 221.4890, -15.0311, 14.4801 Background



This preview shows how black text looks on a background with the YUV color 221.4890, -15.0311, 14.4801.



This preview shows how white text looks on a background with the YUV color 221.4890, -15.0311, 14.4801.



# 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

221.4890, -15.0311, 14.4801

### Protanopia

220.9830, -14.2886, 9.6619

### Deuteranopia

222.5660, -15.0690, 26.6906



## Tritanopia

223.9080, 3.0034, 16.7437

# Trichromacy



## Original Color

221.4890, -15.0311, 14.4801

## Protanomaly

220.9940, -14.2940, 11.4063

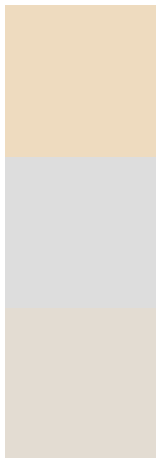
## Deuteranomaly

222.2450, -14.9108, 22.5871

## Tritanomaly

222.8880, -3.3958, 15.8842

# Monochromacy



## Original Color

221.4890, -15.0311, 14.4801

## Achromatopsia

221.0000, 0.0000, 0.0000

## Achromatomaly

220.9530, -5.3998, 5.3032

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 221.4890, -15.0311, 14.4801 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, 219, 191)` looks like.

```
.text, #text, p{  
    color:rgb(238, 219, 191)  
}
```

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, 219, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 219, 191) }
```

## Border

The CSS property to change the border of an element to YUV 221.4890, -15.0311, 14.4801 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, 219, 191) }
```



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

```
.border{ border-color:rgb(238, 219, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 219, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 219, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 219, 191);  
box-shadow:4px 4px 4px 4px rgb(238, 219,  
191) }
```

# Background

The CSS property to change the background color of an element to YUV 221.4890, -15.0311, 14.4801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 219, 191) }
```

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

```
.background{ background-color: rgb(238,  
219, 191) }
```

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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