

# Converting Colors

YUV(205.8710, -17.6844,  
25.5461)

Have a look what the booklet for  
YUV(205.8710, -17.6844, 25.5461)  
contains.

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# Color

**YUV(205.8710, -17.6844,  
25.5461)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EBC6AA
RGB	235, 198, 170
RGB Percent	92%, 78%, 67%
CMY	0.0784, 0.2235, 0.3333
CMYK	0.00, 0.16, 0.28, 0.08
HSL	26°, 62%, 79%
HSV	26°, 28%, 92%
XYZ	61.7107, 60.9526, 46.5427
YIQ	205.8710, 31.0400, -0.8640

# Conversions

## Conversions Part 2

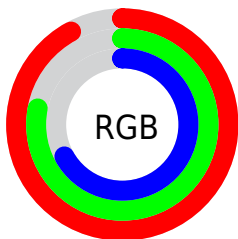
Format	Color
R <sub>Y</sub> B	235, 219, 170
Decimal	15451818
CIE Lab	82.35, 9.02, 18.92
CIE LCh	82, 20.956, 64.506
Yxy	60.9526, 0.3647, 0.3602
Android (android.graphics.Color)	4293641898 (0xFFEBC6AA)
YUV	205.8710, -17.6844, 25.5461
Hunter-Lab	78.0722, 4.4658, 19.3048

# Details

The YUV color  $205.8710, -17.6844, 25.5461$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $199.1290, 17.6844, -25.5461$ , and the grayscale version is  $206.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $251.5800, -13.1039, 2.9993$ , and  $151.2020, -16.3686, 23.5018$  is the 20% darker color. If you saturate the color by 10%, you get  $195.6180, -23.9687, 34.5380$ , and if you desaturate by 10%, it is  $216.2380, -10.9633, 16.4543$ .

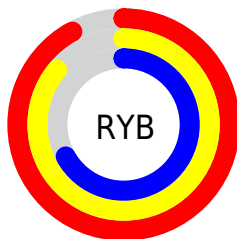
# Distribution



Red (92%)

Green (78%)

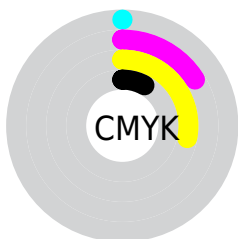
Blue (67%)



Red (92%)

Yellow (86%)

Blue (67%)

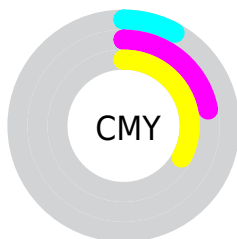


Cyan (0%)

Magenta (16%)

Yellow (28%)

Black (8%)



Cyan (8%)

Magenta (22%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 205.8710, -17.6844, 25.5461 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 205.8710, -17.6844, 25.5461 by changing the saturation by 10% instead.



■ 205.8710,  
-17.6844, 25.5461

■ 205.8710,  
-17.6844, 25.5461

255.0000, 0.0000,  
0.0000

■ 178.2730,  
-17.3896, 24.3166

■ 251.5800,  
-13.1039, 2.9993

■ 151.2020,  
-16.3686, 23.5018

254.8860, -0.4368,  
0.1000

■ 125.6040,  
-16.0738, 22.2723

■ 100.1200,  
-15.3422, 20.9428

■ 76.0490, -14.3212,  
20.1280

■ 53.1520, -13.8789,  
18.2837

■ 30.7990, -15.1839,

16.8393

■ 8.6600, -4.2694,  
16.0842

■ 0.0000, 0.0000,  
0.0000

■ 205.8710,  
-17.6844, 25.5461

■ 205.8710,  
-17.6844, 25.5461

■ 195.6180,  
-23.9687, 34.5380

■ 216.2380,  
-10.9633, 16.4543

■ 184.6640,  
-30.4004, 44.1447

■ 227.0780, -4.9685,  
6.9476

■ 174.4110,  
-36.6846, 53.1366

■ 237.3310, 1.3158,  
-2.0443

■ 163.4570,  
-43.1163, 62.7432

■ 247.2590, 3.8163,  
-10.7511

■ 153.0900,  
-49.8374, 71.8351

■ 249.0200, 2.9481,  
-12.2955

■ 142.8370,  
-56.1216, 80.8270

■ 131.8830,  
-62.5533, 90.4336

■ 129.5520,  
-63.8691, 92.4779

# Harmonies

## Analogous

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



207.4080, -12.0331, 32.9682



205.8710, -17.6844, 25.5461



203.5550, -18.5146, 11.7913

# Triad

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



205.8710, -17.6844, 25.5461



197.3330, 4.7658, -35.3720



207.2190, 14.6820, 4.1929

# Complementary

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



205.8710, -17.6844, 25.5461



199.1290, 17.6844, -25.5461

# 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.



204.3520, 19.5465, -16.0947



205.8710, -17.6844, 25.5461



197.4170, 14.0914, -39.8307

# Square

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



205.8710, -17.6844, 25.5461



199.2500, -6.0393, -23.0212



200.5410, 19.4533, -32.9235



208.2660, 6.7709, 21.6917



# Rectangle

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



205.8710, -17.6844, 25.5461



202.6460, -16.5875, 0.3105



200.5410, 19.4533, -32.9235



206.4570, 17.0297, -2.1548

# Sweetspot

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



205.8710, -17.6844, 25.5461



245.6760, -5.2633, 8.1771



193.7670, 7.0169, 36.1613



121.8220, -3.3632, 5.4181



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.



205.8710, -17.6844, 25.5461



217.2480, -22.8003, 33.1085



224.6550, -26.9449, 9.0726



112.2240, -3.0684, 4.1886



99.9050, -49.2532, 71.1203



29.6470, -14.6160, 21.3576

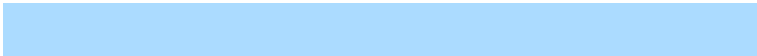


# Inverse Universe

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



199.1290, 17.6844, -25.5461



208.7520, 22.8003, -33.1085



180.3450, 26.9449, -9.0726



110.7760, 3.0684, -4.1886



81.0950, 49.2532, -71.1203



23.7660, 14.9054, -20.8428



# Previews

## White Background



This preview shows how the YUV color 205.8710, -17.6844, 25.5461 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 205.8710, -17.6844, 25.5461 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

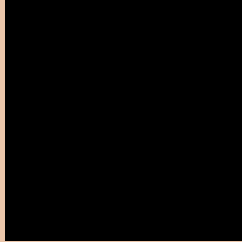
Any Text WCAG AA ✓ Pass

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 205.8710, -17.6844, 25.5461 Background



This preview shows how black text looks on a background with the YUV color 205.8710, -17.6844, 25.5461.



This preview shows how white text looks on a background with the YUV color 205.8710, -17.6844, 25.5461.

25.5461.

# 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

205.8710, -17.6844, 25.5461

### Protanopia

204.6410, -15.5990, 9.9618

### Deuteranopia

205.8820, -17.6898, 27.2905



## Tritanopia

208.4640, -0.2288, 26.7801

# Trichromacy



## Original Color

205.8710, -17.6844, 25.5461

## Protanomaly

204.8590, -16.1995, 15.9097

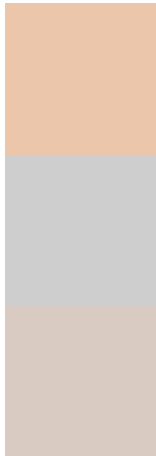
## Deuteranomaly

205.5830, -17.5424, 26.6757

## Tritanomaly

207.7430, -6.7753, 26.5354

# Monochromacy



## Original Color

205.8710, -17.6844, 25.5461

## Achromatopsia

206.0000, 0.0000, 0.0000

## Achromatomaly

206.0460, -6.4317, 9.6067

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 205.8710, -17.6844, 25.5461 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(235, 198, 170)` looks like.

```
.text, #text, p{  
    color:rgb(235, 198, 170)  
}
```

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(235, 198, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 198, 170) }
```

## Border

The CSS property to change the border of an element to YUV 205.8710, -17.6844, 25.5461 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(235, 198, 170) }
```



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

```
.border{ border-color:rgb(235, 198, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 198, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 198, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 198, 170);  
box-shadow:4px 4px 4px 4px rgb(235, 198,  
170) }
```

# Background

The CSS property to change the background color of an element to YUV 205.8710, -17.6844, 25.5461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 198, 170) }
```

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

```
.background{ background-color: rgb(235,  
198, 170) }
```

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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