

# Converting Colors

YUV(208.6650, -38.7818,  
25.7268)

Have a look what the booklet for  
YUV(208.6650, -38.7818, 25.7268)  
contains.

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# Color

**YUV(208.6650, -38.7818,  
25.7268)**

# Conversions

Conversions Part 1	
Format	Color
Hex	EED182
RGB	238, 209, 130
RGB Percent	93%, 82%, 51%
CMY	0.0667, 0.1804, 0.4902
CMYK	0.00, 0.12, 0.45, 0.07
HSL	44°, 76%, 72%
HSV	44°, 45%, 93%
XYZ	62.0896, 65.3898, 30.4681
YIQ	208.6650, 42.6430, -18.4210

# Conversions

## Conversions Part 2

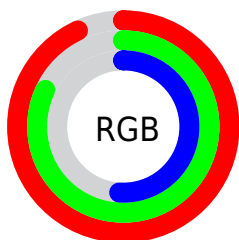
Format	Color
<a href="#">RYB</a>	<a href="#">170, 238, 130</a>
Decimal	<a href="#">15651202</a>
CIELab	<a href="#">84.68, -0.14, 42.78</a>
CIELCh	<a href="#">85, 42.778, 90.191</a>
Yxy	<a href="#">65.3898, 0.3931, 0.4140</a>
Android (android.graphics.Color)	<a href="#">4293841282</a> (0xFFEED182)
YUV	<a href="#">208.6650, -38.7818, 25.7268</a>
Hunter-Lab	<a href="#">80.8639, -4.4546, 34.2653</a>

# Details

The YUV color **208.6650, -38.7818, 25.7268** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **159.3350, 38.7818, -25.7268**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.9060, -31.0127, 7.0984**, and **153.8110, -36.8818, 22.9678** is the 20% darker color. If you saturate the color by 10%, you get **202.4070, -47.5287, 31.2151**, and if you desaturate by 10%, it is **214.9230, -30.0350, 20.2385**.

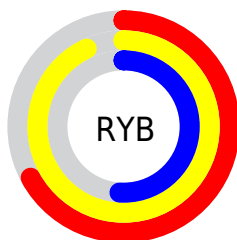
# Distribution



Red (93%)

Green (82%)

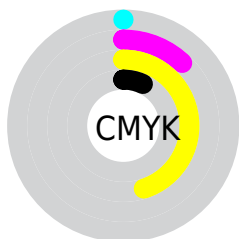
Blue (51%)



Red (67%)

Yellow (93%)

Blue (51%)

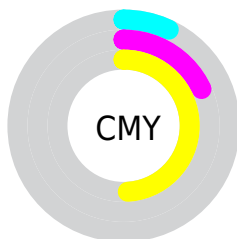


Cyan (0%)

Magenta (12%)

Yellow (45%)

Black (7%)



Cyan (7%)

Magenta (18%)


Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 208.6650, -38.7818, 25.7268 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 208.6650, -38.7818, 25.7268 by changing the saturation by 10% instead.




 208.6650,  
-38.7818, 25.7268

 208.6650,  
-38.7818, 25.7268


255.0000, 0.0000,  
0.0000

 181.1810,  
-38.0502, 24.3973


 246.9060,  
-31.0127, 7.0984


 153.8110,  
-36.8818, 22.9678


 250.0980,  
-18.7823, 4.2991

 127.3270,  
-36.1502, 21.6382

 253.4040, -6.1152,  
1.3997


 101.7290,  
-35.8554, 20.4087


 76.3760, -37.1604,  
18.9642


 55.2860, -27.2560,  
15.5352


 35.1850, -17.3462,


10.3618


 15.9700, -7.8732,  
5.2883


 0.0000, 0.0000,  
0.0000


 208.6650,  
-38.7818, 25.7268


 208.6650,  
-38.7818, 25.7268


 202.4070,  
-47.5287, 31.2151


 214.9230,  
-30.0350, 20.2385


 195.5620,  
-55.9861, 37.2181


 221.7680,  
-21.5776, 14.2355


 189.4180,  
-64.2961, 42.6064


 227.9120,  
-13.2676, 8.8472


 182.5730,  
-72.7535, 48.6095


 234.7570, -4.8102,  
2.8441


 176.3150,  
-81.5003, 54.0977

 241.0150, 3.9366,  
-2.6442

 173.3000,  
-85.4369, 56.7419

 245.2210, 4.8210,  
-6.3328

 249.3300, 2.7953,  
-9.9364

 249.9170, 2.5059,  
-10.4512

# Harmonies

## Analogous

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



206.8980, -31.9947, 42.1855



208.6650, -38.7818, 25.7268



204.2910, -31.6955, -7.2712

# Triad

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



208.6650, -38.7818, 25.7268



180.0470, 34.9798, -113.1742



214.7420, 18.3682, 35.3063

# Complementary

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



208.6650, -38.7818, 25.7268



159.3350, 38.7818, -25.7268

# 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.



211.6410, 21.3760, 3.8228



208.6650, -38.7818, 25.7268



187.4460, 33.3041, -88.9681

# Square

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



208.6650, -38.7818, 25.7268



189.1160, 10.2958, -82.5397



201.3210, 26.4637, -41.5005



206.1870, 3.3588, 42.8090



# Rectangle

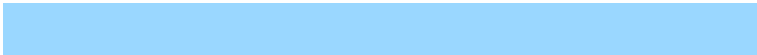
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



208.6650, -38.7818, 25.7268



200.2970, -20.8524, -31.8325



201.3210, 26.4637, -41.5005



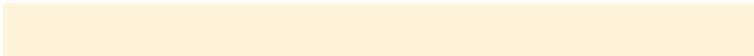
215.6380, 19.4055, 29.2585

# Sweetspot

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



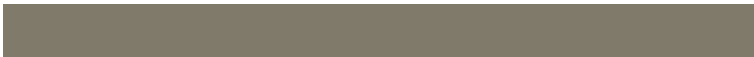
208.6650, -38.7818, 25.7268



245.0260, -12.8308, 8.7472



165.8260, -2.3792, 63.2966



121.9700, -7.8732, 5.2883



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.



208.6650, -38.7818, 25.7268



217.5490, -49.5707, 32.8445



218.8110, -43.7838, -3.3422



116.8710, -4.3734, 2.7441



133.6740, -65.9013, 44.1359



40.8110, -20.1198, 13.3208



# Inverse Universe

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



159.3350, 38.7818, -25.7268



154.4510, 49.5707, -32.8445



149.1890, 43.7838, 3.3422



111.1290, 4.3734, -2.7441



49.7390, 66.1907, -43.6211

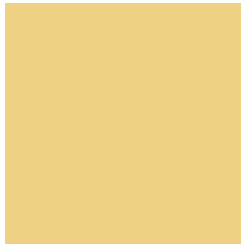


15.1890, 20.1198, -13.3208



# Previews

## White Background



This preview shows how the YUV color 208.6650, -38.7818, 25.7268 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

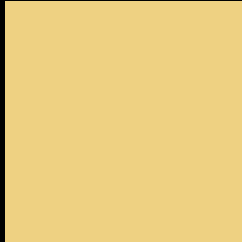
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 208.6650, -38.7818, 25.7268 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 208.6650, -38.7818, 25.7268

## Background



This preview shows how black text looks on a background with the YUV color 208.6650, -38.7818, 25.7268.



This preview shows how white text looks on a background with the YUV color 208.6650, -38.7818, 25.7268.



# 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

208.6650, -38.7818, 25.7268

### Protanopia

208.4470, -38.1814, 19.7790

### Deuteranopia

209.9810, -37.9516, 39.4817



## Tritanopia

214.7630, -0.3762, 27.3948

# Trichromacy

	<b>Original Color</b> 208.6650, -38.7818, 25.7268
	<b>Protanomaly</b> 208.7570, -38.3342, 22.1381
	<b>Deuteranomaly</b> 209.8340, -38.3722, 34.3486
	<b>Tritanomaly</b> 212.6800, -14.6322, 26.5906

# Monochromacy

	<b>Original Color</b> 208.6650, -38.7818, 25.7268
	<b>Achromatopsia</b> 209.0000, 0.0000, 0.0000
	<b>Achromatomaly</b> 208.9830, -14.2886, 9.6619

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 208.6650, -38.7818, 25.7268 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, 209, 130)` looks like.

```
.text, #text, p{  
    color:rgb(238, 209, 130)  
}
```

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, 209, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 209, 130) }
```

## Border

The CSS property to change the border of an element to YUV 208.6650, -38.7818, 25.7268 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, 209, 130) }
```



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

```
.border{ border-color:rgb(238, 209, 130) }
```

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

Here you see how a box with a 4 pixel rgb(238, 209, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 209, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 209, 130);  
box-shadow:4px 4px 4px 4px rgb(238, 209,  
130) }
```

# Background

The CSS property to change the background color of an element to YUV 208.6650, -38.7818, 25.7268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 209, 130) }
```

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

```
.background{ background-color: rgb(238,  
209, 130) }
```

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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