

Converting Colors

YUV(211.7080, -37.3240,
24.8121)

Have a look what the booklet for
YUV(211.7080, -37.3240, 24.8121)
contains.

YUV(211.7080, -37.3240, 24.8121)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(211.7080, -37.3240,
24.8121)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D488
RGB	240, 212, 136
RGB Percent	94%, 83%, 53%
CMY	0.0588, 0.1686, 0.4667
CMYK	0.00, 0.12, 0.43, 0.06
HSL	44°, 78%, 74%
HSV	44°, 43%, 94%
XYZ	63.9226, 67.3898, 32.9310
YIQ	211.7080, 41.0840, -17.7000

Conversions

Conversions Part 2

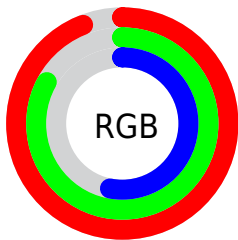
Format	Color
RYB	174, 240, 136
Decimal	15783048
CIELab	85.70, -0.30, 41.10
CIELCh	86, 41.097, 90.412
Yxy	67.3898, 0.3892, 0.4103
Android (android.graphics.Color)	4293973128 (0xFFFF0D488)
YUV	211.7080, -37.3240, 24.8121
Hunter-Lab	82.0913, -4.6659, 33.6797

Details

The YUV color $211.7080, -37.3240, 24.8121$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $164.2920, 37.3240, -24.8121$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.5900, -28.3919, 6.4986$, and $156.8540, -35.4240, 22.0530$ is the 20% darker color. If you saturate the color by 10%, you get $205.4500, -46.0708, 30.3004$, and if you desaturate by 10%, it is $217.9660, -28.5772, 19.3238$.

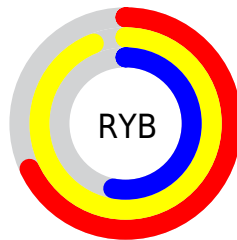
Distribution



Red (94%)

Green (83%)

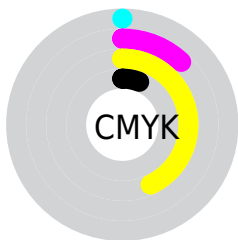
Blue (53%)



Red (68%)

Yellow (94%)

Blue (53%)

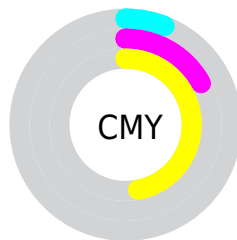


Cyan (0%)

Magenta (12%)

Yellow (43%)

Black (6%)



Cyan (6%)

Magenta (17%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.7080, -37.3240, 24.8121 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 211.7080, -37.3240, 24.8121 by changing the saturation by 10% instead.

■ 211.7080,
-37.3240, 24.8121

■ 211.7080,
-37.3240, 24.8121

255.0000, 0.0000,
0.0000

■ 183.6370,
-36.3030, 23.9974

■ 247.5900,
-28.3919, 6.4986

■ 156.8540,
-35.4240, 22.0530

■ 250.7820,
-16.1615, 3.6992

■ 130.3700,
-34.6924, 20.7235

■ 254.0880, -3.4944,
0.7998

■ 104.8860,
-33.9608, 19.3940

■ 79.5330, -35.2658,
17.9496

■ 57.6450, -28.4190,
15.2203

■ 36.9570, -18.2198,

10.5617

■ 18.0410, -8.8942,
6.1030

■ 0.0000, 0.0000,
0.0000

■ 211.7080,
-37.3240, 24.8121

■ 211.7080,
-37.3240, 24.8121

■ 205.4500,
-46.0708, 30.3004

■ 217.9660,
-28.5772, 19.3238

■ 198.6050,
-54.5283, 36.3034

■ 224.8110,
-20.1198, 13.3208

■ 192.3470,
-63.2751, 41.7917

■ 231.0690,
-11.3730, 7.8325

■ 185.5020,
-71.7325, 47.7947

■ 237.9140, -2.9156,
1.8294

■ 179.2440,
-80.4793, 53.2830

■ 244.0580, 5.3944,
-3.5589

■ 174.4850,
-86.0211, 57.4567

■ 248.1670, 3.3687,
-7.1625

■ 250.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



209.9300, -30.5315, 39.5264



211.7080, -37.3240, 24.8121



207.6330, -30.3851, -7.5711

Triad

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



211.7080, -37.3240, 24.8121



187.3150, 31.8897, -102.0083



217.2040, 17.6474, 33.1471

Complementary

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



211.7080, -37.3240, 24.8121



164.2920, 37.3240, -24.8121

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.



214.5980, 19.9182, 4.7376



211.7080, -37.3240, 24.8121



192.8060, 30.6616, -81.3909

Square

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



211.7080, -37.3240, 24.8121



193.6220, 9.5534, -77.7215



205.1750, 24.5637, -38.7415



209.3500, 2.7855, 40.0351

Rectangle

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



211.7080, -37.3240, 24.8121



203.5360, -19.9842, -30.2881



205.1750, 24.5637, -38.7415



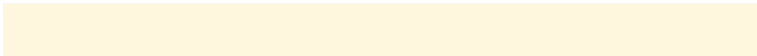
218.5840, 17.9531, 28.4288

Sweetspot

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



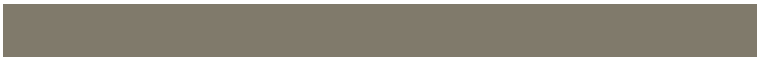
211.7080, -37.3240, 24.8121



245.9550, -11.8098, 7.9325



170.4020, -2.6632, 61.0374



122.0840, -7.4364, 5.1883



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.



211.7080, -37.3240, 24.8121



218.7060, -47.6761, 31.8298



221.2670, -42.0366, -3.7422



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.



164.2920, 37.3240, -24.8121



158.2940, 47.6761, -31.8298



154.7330, 42.0366, 3.7422



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 211.7080, -37.3240, 24.8121 looks on a white background.

Color Contrast Check

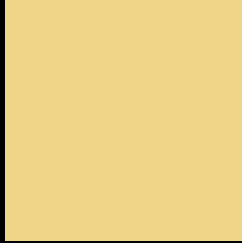
Large Text (above 18pt) WCAG AA × Fail

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 211.7080, -37.3240, 24.8121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

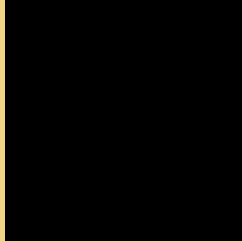
Any Text WCAG AA ✓ Pass

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 211.7080, -37.3240, 24.8121 Background



This preview shows how black text looks on a background with the YUV color 211.7080, -37.3240, 24.8121.



This preview shows how white text looks on a background with the YUV color 211.7080, -37.3240, 24.8121.

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

211.7080, -37.3240, 24.8121

Protanopia

210.9030, -36.4342, 19.3791

Deuteranopia

213.8110, -33.4308, 36.1228



Tritanopia

217.5780, 0.2080, 26.6801

Trichromacy



Original Color

211.7080, -37.3240, 24.8121

Protanomaly

211.2130, -36.5870, 21.7382

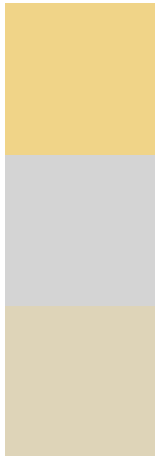
Deuteranomaly

213.0340, -35.0198, 32.4192

Tritanomaly

215.6090, -13.6112, 25.7759

Monochromacy



Original Color

211.7080, -37.3240, 24.8121

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

211.7980, -13.7044, 8.9472

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.7080, -37.3240, 24.8121 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(240, 212, 136)` looks like.

```
.text, #text, p{  
    color:rgb(240, 212, 136)  
}
```

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(240, 212, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 212, 136) }
```

Border

The CSS property to change the border of an element to YUV 211.7080, -37.3240, 24.8121 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(240, 212, 136) }
```


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

```
.border{ border-color:rgb(240, 212, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 212, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 212, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 212, 136);  
box-shadow:4px 4px 4px 4px rgb(240, 212,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 211.7080, -37.3240, 24.8121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 212, 136) }
```

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

```
.background{ background-color: rgb(240,  
212, 136) }
```

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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