

Converting Colors

YUV(205.1000, -38.5033,
29.7303)

Have a look what the booklet for
YUV(205.1000, -38.5033, 29.7303)
contains.

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Color

**YUV(205.1000, -38.5033,
29.7303)**

Conversions

Conversions Part 1

Format	Color
Hex	EFCB7F
RGB	239, 203, 127
RGB Percent	94%, 80%, 50%
CMY	0.0627, 0.2039, 0.5020
CMYK	0.00, 0.15, 0.47, 0.06
HSL	41°, 78%, 72%
HSV	41°, 47%, 94%
XYZ	60.7833, 62.5949, 28.9571
YIQ	205.1000, 45.8520, -16.0040

Conversions

Conversions Part 2

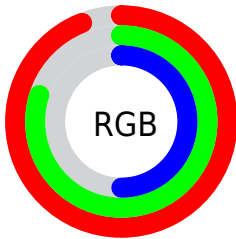
Format	Color
R_{YB}	180, 239, 127
Decimal	15715199
CIE _{Lab}	83.23, 3.07, 42.47
CIE _{LCh}	83, 42.579, 85.870
Yxy	62.5949, 0.3990, 0.4109
Android (android.graphics.Color)	4293905279 (0xFFEFCB7F)
YUV	205.1000, -38.5033, 29.7303
Hunter-Lab	79.1169, -1.3181, 33.6815

Details

The YUV color $205.1000, -38.5033, 29.7303$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $160.9000, 38.5033, -29.7303$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.5640, -32.3231, 7.3984$, and $150.2460, -36.6033, 26.9713$ is the 20% darker color. If you saturate the color by 10%, you get $197.6680, -46.6713, 36.2482$, and if you desaturate by 10%, it is $212.5320, -30.3353, 23.2124$.

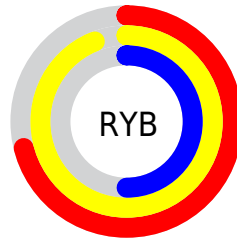
Distribution



Red (94%)

Green (80%)

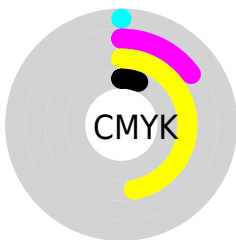
Blue (50%)



Red (71%)

Yellow (94%)

Blue (50%)

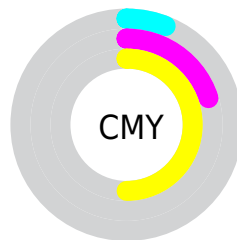


Cyan (0%)

Magenta (15%)

Yellow (47%)

Black (6%)



Cyan (6%)

Magenta (20%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.1000, -38.5033, 29.7303 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 205.1000, -38.5033, 29.7303 by changing the saturation by 10% instead.

■ 205.1000,
-38.5033, 29.7303

■ 205.1000,
-38.5033, 29.7303

255.0000, 0.0000,
0.0000

■ 177.6160,
-37.7717, 28.4008

■ 246.5640,
-32.3231, 7.3984

■ 150.2460,
-36.6033, 26.9713

■ 249.7560,
-20.0927, 4.5990

■ 123.7620,
-35.8717, 25.6417

■ 252.9480, -7.8624,
1.7996

■ 98.5660, -35.2820,
23.1826

■ 73.3270, -36.1502,
21.6382

■ 52.3510, -25.8090,
18.1092

■ 32.8370, -16.1886,

12.4210

■ 11.8610, -5.8475,
8.8919

■ 0.0000, 0.0000,
0.0000

■ 205.1000,
-38.5033, 29.7303

■ 205.1000,
-38.5033, 29.7303

■ 197.6680,
-46.6713, 36.2482

■ 212.5320,
-30.3353, 23.2124

■ 190.8230,
-55.1287, 42.2512

■ 219.3770,
-21.8779, 17.2094

■ 183.3910,
-63.2968, 48.7691

■ 226.8090,
-13.7098, 10.6915

■ 175.9590,
-71.4648, 55.2870

■ 234.2410, -5.5418,
4.1736

■ 169.1140,
-79.9222, 61.2900

■ 241.0860, 2.9156,
-1.8294

■ 166.5550,
-82.1116, 63.5343

■ 246.6940, 4.0949,
-6.7476

■ 250.2160, 2.3585,
-9.8364

Harmonies

Analogous

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



203.3760, -30.2584, 45.2742



205.1000, -38.5033, 29.7303



200.6830, -32.8747, -2.3530

Triad

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



205.1000, -38.5033, 29.7303



175.6620, 32.2116, -111.9596



213.0840, 19.6786, 35.0063

Complementary

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



205.1000, -38.5033, 29.7303



160.9000, 38.5033, -29.7303

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.



206.8790, 23.7237, -2.5249



205.1000, -38.5033, 29.7303



181.4990, 36.2360, -96.0306

Square

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



205.1000, -38.5033, 29.7303



186.8240, 6.4958, -77.0216



195.9610, 29.1062, -49.0778



204.6540, 5.1006, 44.1534

Rectangle

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



205.1000, -38.5033, 29.7303



197.6460, -23.4895, -25.9995



195.9610, 29.1062, -49.0778



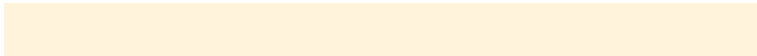
211.4740, 21.4583, 24.1403

Sweetspot

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



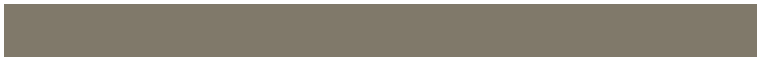
205.1000, -38.5033, 29.7303



244.4390, -12.5414, 9.2620



164.7060, -0.3481, 65.1558



121.3830, -7.5838, 5.8031



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.



205.1000, -38.5033, 29.7303



211.6960, -49.1501, 37.9776



220.5510, -46.1206, -0.4832



116.2840, -4.0840, 3.2589



128.3910, -63.2968, 48.7691



39.0500, -19.2516, 14.8652

Inverse Universe

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



160.9000, 38.5033, -29.7303



155.3040, 49.1501, -37.9776



145.4490, 46.1206, 0.4832



111.7160, 4.0840, -3.2589



55.6090, 63.2968, -48.7691



16.9500, 19.2516, -14.8651

Previews

White Background



This preview shows how the YUV color 205.1000, -38.5033, 29.7303 looks on a white background.

Color Contrast Check

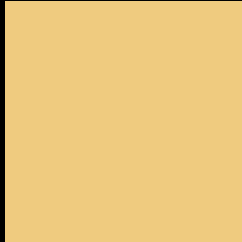
Large Text (above 18pt) WCAG AA × Fail

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 205.1000, -38.5033, 29.7303 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 205.1000, -38.5033, 29.7303 Background



This preview shows how black text looks on a background with the YUV color 205.1000, -38.5033, 29.7303.



This preview shows how white text looks on a background with the YUV color 205.1000, -38.5033, 29.7303.

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

205.1000, -38.5033, 29.7303

Protanopia

204.3760, -37.1604, 18.9642

Deuteranopia

205.8670, -38.3884, 39.5816



Tritanopia

210.8560, -1.4080, 31.6983

Trichromacy



Original Color

205.1000, -38.5033, 29.7303

Protanomaly

204.5830, -37.7554, 23.1677

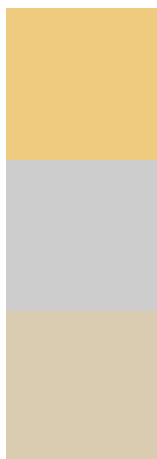
Deuteranomaly

205.8450, -38.3776, 36.0929

Tritanomaly

209.0010, -14.7905, 30.6941

Monochromacy



Original Color

205.1000, -38.5033, 29.7303

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.8090, -13.7098, 10.6915

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.1000, -38.5033, 29.7303 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(239, 203, 127)` looks like.

```
.text, #text, p{  
    color:rgb(239, 203, 127)  
}
```

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(239, 203, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 203, 127) }
```

Border

The CSS property to change the border of an element to YUV 205.1000, -38.5033, 29.7303 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(239, 203, 127) }
```


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

```
.border{ border-color:rgb(239, 203, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 203, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 203, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 203, 127);  
box-shadow:4px 4px 4px 4px rgb(239, 203,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 205.1000, -38.5033, 29.7303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 203, 127) }
```

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

```
.background{ background-color: rgb(239,  
203, 127) }
```

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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