

Converting Colors

YUV(205.1170, -37.5257,
42.8704)

Have a look what the booklet for
YUV(205.1170, -37.5257, 42.8704)
contains.

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Color

**YUV(205.1170, -37.5257,
42.8704)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC381
RGB	254, 195, 129
RGB Percent	100%, 76%, 51%
CMY	0.0039, 0.2353, 0.4941
CMYK	0.00, 0.23, 0.49, 0.00
HSL	32°, 98%, 75%
HSV	32°, 49%, 100%
XYZ	64.3506, 61.6860, 29.2838
YIQ	205.1170, 56.3500, -8.0180

Conversions

Conversions Part 2

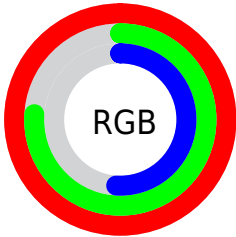
Format	Color
R_{YB}	241, 254, 129
Decimal	16696193
CIE _{Lab}	82.75, 13.41, 41.15
CIE _{LCh}	83, 43.285, 71.947
Yxy	61.6860, 0.4143, 0.3972
Android (android.graphics.Color)	4294886273 (0xFFFE _{C381})
YUV	205.1170, -37.5257, 42.8704
Hunter-Lab	78.5405, 8.8047, 32.8720

Details

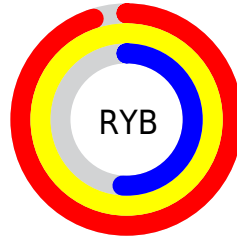
The YUV color $205.1170, -37.5257, 42.8704$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $177.8830, 37.5257, -42.8704$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.0310, -30.5813, 8.7428$, and $149.9640, -35.4783, 39.4966$ is the 20% darker color. If you saturate the color by 10%, you get $195.2230, -44.9729, 51.5474$, and if you desaturate by 10%, it is $215.0110, -30.0784, 34.1934$.

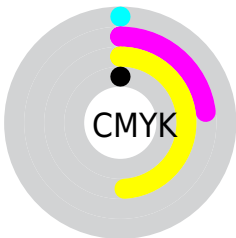
Distribution



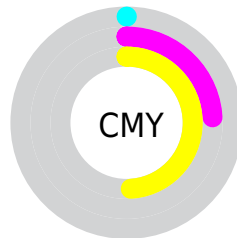
- Red (100%)
- Green (76%)
- Blue (51%)



- Red (95%)
- Yellow (100%)
- Blue (51%)



- Cyan (0%)
- Magenta (23%)
- Yellow (49%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.1170, -37.5257, 42.8704 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 205.1170, -37.5257, 42.8704 by changing the saturation by 10% instead.

205.1170,
-37.5257, 42.8704

205.1170,
-37.5257, 42.8704

255.0000, 0.0000,
0.0000

177.3340,
-36.6467, 40.9261

245.0310,
-30.5813, 8.7428

149.9640,
-35.4783, 39.4966

249.9840,
-19.2191, 4.3990

123.8820,
-34.4518, 36.9375

253.1760, -6.9888,
1.5996

98.0990, -33.5728,
34.9932

73.1480, -34.5830,
32.3192

51.2320, -25.2574,
27.8605

31.7180, -15.6370,

22.1723

■ 9.8670, -4.8644,
20.2876

■ 0.0000, 0.0000,
0.0000

■ 205.1170,
-37.5257, 42.8704

■ 205.1170,
-37.5257, 42.8704

■ 195.2230,
-44.9729, 51.5474

■ 215.0110,
-30.0784, 34.1934

■ 185.2150,
-52.8570, 60.3244

■ 225.0190,
-22.1944, 25.4163

■ 175.3210,
-60.3043, 69.0015

■ 234.9130,
-14.7471, 16.7393

■ 165.3130,
-68.1883, 77.7785

■ 244.9210, -6.8631,
7.9623

■ 155.4190,
-75.6356, 86.4555

254.7010, 0.1474,
-0.6148

■ 154.6040,
-76.2198, 87.1703

Harmonies

Analogous

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



200.5210, -23.4279, 47.7781



205.1170, -37.5257, 42.8704



201.8160, -37.8703, 13.3164

Triad

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



205.1170, -37.5257, 42.8704



177.5680, 21.4120, -101.3531



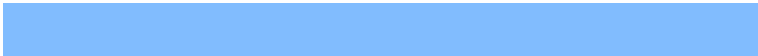
209.9680, 22.2008, 19.3221

Complementary

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



205.1170, -37.5257, 42.8704



177.8830, 37.5257, -42.8704

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.



200.8440, 26.6989, -23.5422



205.1170, -37.5257, 42.8704



171.3110, 41.2587, -120.4217

Square

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



205.1170, -37.5257, 42.8704



189.2470, -5.0518, -59.8526



187.2460, 33.4027, -73.8837



207.1790, 12.2368, 41.9390

Rectangle

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



205.1170, -37.5257, 42.8704



198.2090, -30.6690, -9.8303



187.2460, 33.4027, -73.8837



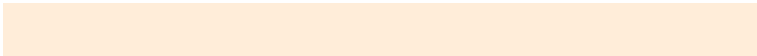
206.9340, 23.6965, 6.1969

Sweetspot

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



205.1170, -37.5257, 42.8704



240.1020, -11.3893, 13.0655



173.2150, 7.7820, 70.8484



118.9210, -6.8631, 7.9623



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.



205.1170, -37.5257, 42.8704



196.2230, -44.9729, 51.5474



239.1520, -54.3049, 11.2677



122.4090, -3.6526, 4.9033



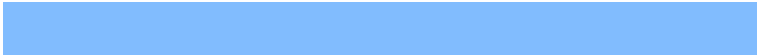
116.3960, -57.3832, 65.4277



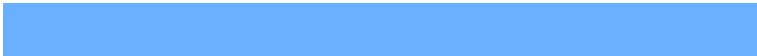
39.0940, -19.2733, 21.8426

Inverse Universe

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



177.8830, 37.5257, -42.8704



163.7770, 44.9729, -51.5474



143.8480, 54.3049, -11.2677



120.0040, 3.9420, -4.3885



74.6040, 57.3832, -65.4277



24.9060, 19.2733, -21.8426

Previews

White Background



This preview shows how the YUV color 205.1170, -37.5257, 42.8704 looks on a white background.

Color Contrast Check

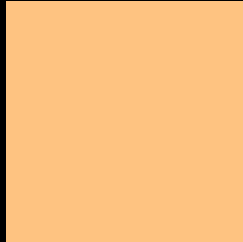
Large Text (above 18pt) WCAG AA × Fail

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 205.1170, -37.5257, 42.8704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

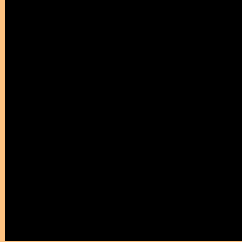
Any Text WCAG AA ✓ Pass

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 205.1170, -37.5257, 42.8704 Background



This preview shows how black text looks on a background with the YUV color 205.1170, -37.5257, 42.8704.



This preview shows how white text looks on a background with the YUV color 205.1170, -37.5257, 42.8704.

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

205.1170, -37.5257, 42.8704

Protanopia

203.0600, -34.5396, 18.3644

Deuteranopia

204.7960, -37.3674, 38.7669



Tritanopia

209.5150, -4.1979, 39.8903

Trichromacy



Original Color

205.1170, -37.5257, 42.8704

Protanomaly

203.8870, -35.4403, 27.2861

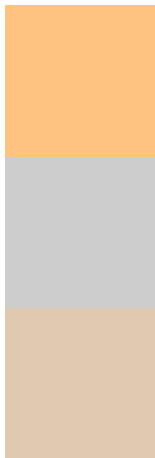
Deuteranomaly

204.8070, -37.3729, 40.5113

Tritanomaly

208.3120, -16.4228, 40.9454

Monochromacy



Original Color

205.1170, -37.5257, 42.8704

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.8420, -13.7261, 15.9246

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.1170, -37.5257, 42.8704 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(254, 195, 129)` looks like.

```
.text, #text, p{  
    color:rgb(254, 195, 129)  
}
```

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(254, 195, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 195, 129) }
```

Border

The CSS property to change the border of an element to YUV 205.1170, -37.5257, 42.8704 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(254, 195, 129) }
```


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

```
.border{ border-color:rgb(254, 195, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 195, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 195, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 195, 129);  
box-shadow:4px 4px 4px 4px rgb(254, 195,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 205.1170, -37.5257, 42.8704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 195, 129) }
```

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

```
.background{ background-color: rgb(254,  
195, 129) }
```

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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