

# Converting Colors

YUV(197.8720, -35.9259,  
43.0853)

Have a look what the booklet for  
YUV(197.8720, -35.9259, 43.0853)  
contains.

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# Color

**YUV(197.8720, -35.9259,  
43.0853)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F7BB7D
RGB	247, 187, 125
RGB Percent	97%, 73%, 49%
CMY	0.0314, 0.2667, 0.5098
CMYK	0.00, 0.24, 0.49, 0.03
HSL	30°, 88%, 73%
HSV	30°, 49%, 97%
XYZ	59.8298, 56.7955, 27.2113
YIQ	197.8720, 55.6620, -6.5620

# Conversions

## Conversions Part 2

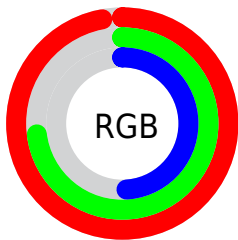
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	243, 247, 125
Decimal	16235389
CIE <sub>Lab</sub>	80.06, 14.44, 39.65
CIE <sub>LCh</sub>	80, 42.199, 69.988
Yxy	56.7955, 0.4160, 0.3949
Android (android.graphics.Color)	4294425469 (0xFFF7BB7D)
YUV	197.8720, -35.9259, 43.0853
Hunter-Lab	75.3628, 9.8246, 31.3461

# Details

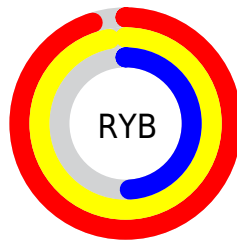
The YUV color **197.8720, -35.9259, 43.0853** is a light color, and the websafe version is hex **FFCC99**, and the color name is **light yellow (asagi)**. A complement of this color would be **174.1280, 35.9259, -43.0853**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.1780, -30.1608, 13.8759**, and **143.4200, -33.7311, 39.0967** is the 20% darker color. If you saturate the color by 10%, you get **187.9780, -43.3732, 51.7623**, and if you desaturate by 10%, it is **207.7660, -28.4786, 34.4082**.

# Distribution



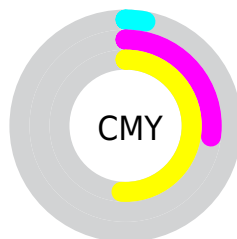
- Red (97%)
- Green (73%)
- Blue (49%)



- Red (95%)
- Yellow (97%)
- Blue (49%)



- Cyan (0%)
- Magenta (24%)
- Yellow (49%)
- Black (3%)



- Cyan (3%)
- Magenta (27%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 197.8720, -35.9259, 43.0853 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 197.8720, -35.9259, 43.0853 by changing the saturation by 10% instead.



197.8720,  
-35.9259, 43.0853

197.8720,  
-35.9259, 43.0853

255.0000, 0.0000,  
0.0000

170.0890,  
-35.0469, 41.1409

239.1780,  
-30.1608, 13.8759

143.4200,  
-33.7311, 39.0967

249.4140,  
-21.4031, 4.8989

117.3380,  
-32.7046, 36.5376

252.7200, -8.7360,  
1.9996

91.5550, -31.8256,  
34.5933

67.0170, -32.5464,  
32.4341

45.9160, -22.6366,  
27.2607

25.8150, -12.7268,

22.0872

■ 8.4860, -3.6906,  
17.1138

■ 0.0000, 0.0000,  
0.0000

■ 197.8720,  
-35.9259, 43.0853

■ 197.8720,  
-35.9259, 43.0853

■ 187.9780,  
-43.3732, 51.7623

■ 207.7660,  
-28.4786, 34.4082

■ 178.1980,  
-50.3836, 60.3394

■ 217.5460,  
-21.4682, 25.8312

■ 168.3040,  
-57.8309, 69.0164

■ 227.4400,  
-14.0209, 17.1541

■ 157.8230,  
-64.9887, 78.2082

■ 237.9210, -6.8631,  
7.9623

■ 148.0430,  
-71.9992, 86.7853

■ 247.8150, 0.5842,  
-0.7148

■ 147.8150,  
-72.8728, 86.9852

■ 252.6080, 1.1793,  
-4.9182

# Harmonies

## Analogous

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



195.4830, -22.4231, 52.1964



197.8720, -35.9259, 43.0853



194.4680, -36.7127, 15.3756

# Triad

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



197.8720, -35.9259, 43.0853



172.0310, 19.2117, -95.6202



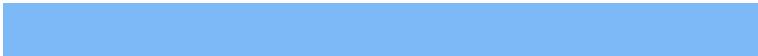
202.8580, 25.7060, 15.0335

# Complementary

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



197.8720, -35.9259, 43.0853



174.1280, 35.9259, -43.0853

# 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.



194.0330, 30.0567, -27.2159



197.8720, -35.9259, 43.0853



164.0230, 41.4007, -119.2922

# Square

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



197.8720, -35.9259, 43.0853



182.9270, -6.3730, -56.0640



180.4460, 36.7551, -75.8131



202.9730, 11.3523, 45.6277



# Rectangle

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



197.8720, -35.9259, 43.0853



191.5190, -30.8219, -7.4712



180.4460, 36.7551, -75.8131



200.1230, 27.0544, 2.5231

# Sweetspot

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



197.8720, -35.9259, 43.0853



239.5150, -11.0999, 13.5803



168.4320, 8.6610, 68.9041



118.3340, -6.5737, 8.4771



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.



197.8720, -35.9259, 43.0853



194.4620, -44.1048, 53.0918



233.0920, -53.2894, 12.1973



117.1100, -3.5052, 4.2885



111.3790, -54.9098, 65.4426

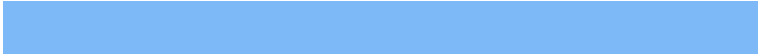


35.2510, -17.3787, 20.8279

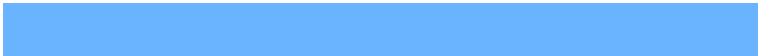


# Inverse Universe

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



174.1280, 35.9259, -43.0853



165.5380, 44.1048, -53.0918



138.9080, 53.2894, -12.1973



114.8900, 3.5052, -4.2885



75.2080, 54.6205, -65.9574



23.7490, 17.3787, -20.8279



# Previews

## White Background



This preview shows how the YUV color 197.8720, -35.9259, 43.0853 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

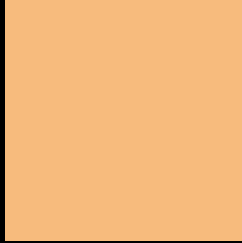
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 197.8720, -35.9259, 43.0853 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

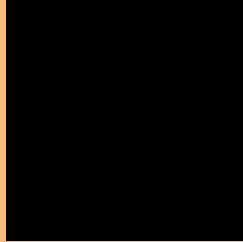
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 197.8720, -35.9259, 43.0853

## Background



This preview shows how black text looks on a background with the YUV color 197.8720, -35.9259, 43.0853.



This preview shows how white text looks on a background with the YUV color 197.8720, -35.9259, 43.0853.



# 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

197.8720, -35.9259, 43.0853

### Protanopia

196.2170, -32.6450, 17.3497

### Deuteranopia

197.4260, -36.1990, 37.3374



## Tritanopia

202.6080, -5.2297, 44.1938

# Trichromacy



## Original Color

197.8720, -35.9259, 43.0853

## Protanomaly

196.9300, -33.9825, 26.3714

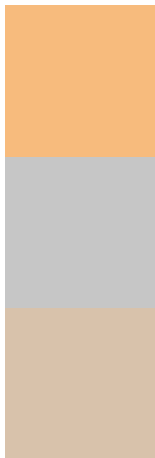
## Deuteranomaly

197.7360, -36.3518, 39.6965

## Tritanomaly

201.0350, -16.2863, 43.8193

# Monochromacy



## Original Color

197.8720, -35.9259, 43.0853

## Achromatopsia

198.0000, 0.0000, 0.0000

## Achromatomaly

197.9560, -13.2893, 15.8246

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 197.8720, -35.9259, 43.0853 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(247, 187, 125)` looks like.

```
.text, #text, p{  
    color:rgb(247, 187, 125)  
}
```

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(247, 187, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 187, 125) }
```

## Border

The CSS property to change the border of an element to YUV 197.8720, -35.9259, 43.0853 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".

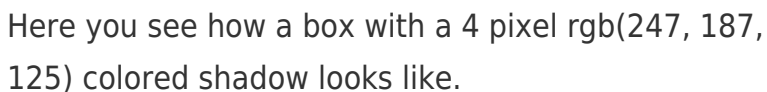
```
.border, #border, table{ border:4px solid rgb(247, 187, 125) }
```



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

```
.border{ border-color:rgb(247, 187, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 187, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 187, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 187, 125); box-shadow:4px 4px 4px 4px rgb(247, 187, 125) }
```

# Background

The CSS property to change the background color of an element to YUV 197.8720, -35.9259, 43.0853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 187, 125) }
```

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

```
.background{ background-color: rgb(247,  
187, 125) }
```

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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