

Converting Colors

YUV(189.7850, -37.3620,
37.0226)

Have a look what the booklet for
YUV(189.7850, -37.3620, 37.0226)
contains.

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Color

**YUV(189.7850, -37.3620,
37.0226)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B772
RGB	232, 183, 114
RGB Percent	91%, 72%, 45%
CMY	0.0902, 0.2824, 0.5529
CMYK	0.00, 0.21, 0.51, 0.09
HSL	35°, 72%, 68%
HSV	35°, 51%, 91%
XYZ	53.2495, 52.2377, 23.1959
YIQ	189.7850, 51.3530, -11.0710

Conversions

Conversions Part 2

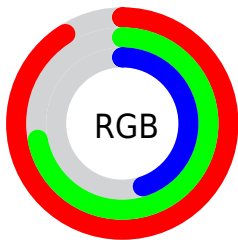
Format	Color
RYB	198, 232, 114
Decimal	15251314
CIELab	77.42, 9.50, 41.63
CIELCh	77, 42.696, 77.139
Yxy	52.2377, 0.4138, 0.4059
Android (android.graphics.Color)	4293441394 (0xFFE8B772)
YUV	189.7850, -37.3620, 37.0226
Hunter-Lab	72.2756, 5.0284, 31.5646

Details

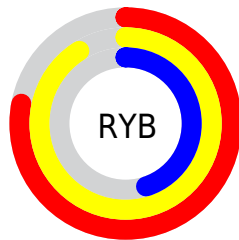
The YUV color **189.7850, -37.3620, 37.0226** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **156.2150, 37.3620, -37.0226**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.5760, -33.8080, 17.0348**, and **135.6320, -35.3146, 33.6487** is the 20% darker color. If you saturate the color by 10%, you get **181.2930, -44.5144, 44.4700**, and if you desaturate by 10%, it is **198.2770, -30.2096, 29.5751**.

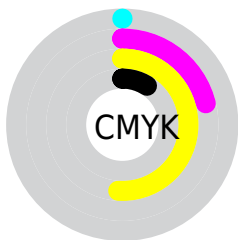
Distribution



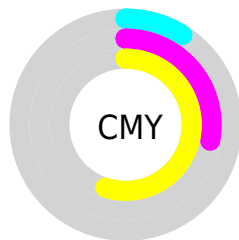
- Red (91%)
- Green (72%)
- Blue (45%)



- Red (78%)
- Yellow (91%)
- Blue (45%)



- Cyan (0%)
- Magenta (21%)
- Yellow (51%)
- Black (9%)



- Cyan (9%)
- Magenta (28%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.7850, -37.3620, 37.0226 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 189.7850, -37.3620, 37.0226 by changing the saturation by 10% instead.

■ 189.7850,
-37.3620, 37.0226

■ 189.7850,
-37.3620, 37.0226

255.0000, 0.0000,
0.0000

■ 162.4150,
-36.1936, 35.5930

■ 235.5760,
-33.8080, 17.0348

■ 135.6320,
-35.3146, 33.6487

■ 248.1600,
-26.2079, 5.9987

■ 109.8490,
-34.4356, 31.7044

■ 251.3520,
-13.9775, 3.1993

■ 84.4250, -34.7195,
29.4453

254.6580, -1.3104,
0.2999

■ 61.2550, -30.1987,
26.0864

■ 41.1540, -20.2889,
20.9129

■ 21.6400, -10.6685,

15.2247

■ 0.0000, 0.0000,
0.0000

■ 189.7850,
-37.3620, 37.0226

■ 189.7850,
-37.3620, 37.0226

■ 181.2930,
-44.5144, 44.4700

■ 198.2770,
-30.2096, 29.5751

■ 173.3880,
-51.9563, 51.4027

■ 206.1820,
-22.7677, 22.6424

■ 164.7820,
-59.5455, 58.9502

■ 214.7880,
-15.1785, 15.0949

■ 156.2900,
-66.6980, 66.3977

■ 223.2800, -8.0260,
7.6474

■ 149.2000,
-73.5556, 72.6156

■ 231.1850, -0.5842,
0.7148

■ 239.6770, 6.5682,
-6.7327

■ 245.1880, 4.8373,
-11.5659

■ 248.1230, 3.3904,
-14.1399

Harmonies

Analogous

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



191.4250, -27.8175, 55.7553



189.7850, -37.3620, 37.0226



186.0540, -35.5226, 6.9686

Triad

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



189.7850, -37.3620, 37.0226



155.9020, 28.1493, -115.6781



196.4570, 23.9317, 24.1552

Complementary

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



189.7850, -37.3620, 37.0226



156.2150, 37.3620, -37.0226

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.



189.6690, 32.2082, -17.2497



189.7850, -37.3620, 37.0226



150.9550, 47.8432, -132.3875

Square

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



189.7850, -37.3620, 37.0226



172.4680, -0.2307, -66.1854



176.6690, 38.6172, -66.3617



195.2790, 7.2575, 52.3753

Rectangle

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



189.7850, -37.3620, 37.0226



182.9740, -27.5952, -15.7632



176.6690, 38.6172, -66.3617



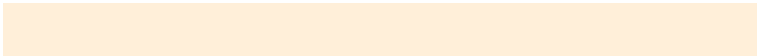
195.0470, 29.0638, 11.3598

Sweetspot

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



189.7850, -37.3620, 37.0226



241.2760, -11.9681, 12.0359



154.8680, 4.0091, 67.6448



119.5080, -7.1524, 7.4475



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.



189.7850, -37.3620, 37.0226



199.0610, -49.3301, 49.0585



215.5580, -50.0681, 5.6496



110.6970, -3.7946, 3.7737



114.5690, -56.4825, 56.5060



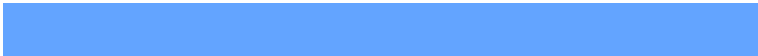
32.8590, -16.1995, 15.9097

Inverse Universe

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



156.2150, 37.3620, -37.0226



154.9390, 49.3301, -49.0585



130.4420, 50.0681, -5.6496



107.3030, 3.7946, -3.7737



63.8440, 56.7719, -55.9912



18.1410, 16.1995, -15.9097

Previews

White Background



This preview shows how the YUV color 189.7850, -37.3620, 37.0226 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 189.7850, -37.3620, 37.0226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

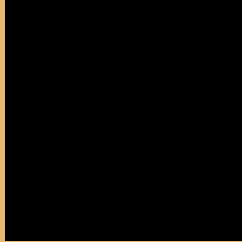
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.7850, -37.3620, 37.0226

Background



This preview shows how black text looks on a background with the YUV color 189.7850, -37.3620, 37.0226.



This preview shows how white text looks on a background with the YUV color 189.7850, -37.3620, 37.0226.

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

189.7850, -37.3620, 37.0226

Protanopia

188.5330, -35.2658, 17.9496

Deuteranopia

189.7850, -37.3620, 37.0226



Tritanopia

194.9170, -3.9031, 38.6608

Trichromacy



Original Color

189.7850, -37.3620, 37.0226

Protanomaly

189.0500, -36.0136, 24.5122

Deuteranomaly

189.7850, -37.3620, 37.0226

Tritanomaly

192.7030, -16.1226, 37.9715

Monochromacy



Original Color

189.7850, -37.3620, 37.0226

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.5320, -13.5733, 13.5654

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.7850, -37.3620, 37.0226 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(232, 183, 114)` looks like.

```
.text, #text, p{  
    color:rgb(232, 183, 114)  
}
```

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(232, 183, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 183, 114) }
```

Border

The CSS property to change the border of an element to YUV 189.7850, -37.3620, 37.0226 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(232, 183, 114) }
```


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

```
.border{ border-color:rgb(232, 183, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 183, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 183, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 183, 114);  
box-shadow:4px 4px 4px 4px rgb(232, 183,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 189.7850, -37.3620, 37.0226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 183, 114) }
```

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

```
.background{ background-color: rgb(232,  
183, 114) }
```

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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