

Converting Colors

YUV(222.4900, -36.7236,
18.8643)

Have a look what the booklet for
YUV(222.4900, -36.7236, 18.8643)
contains.

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Color

**YUV(222.4900, -36.7236,
18.8643)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E294
RGB	244, 226, 148
RGB Percent	96%, 89%, 58%
CMY	0.0431, 0.1137, 0.4196
CMYK	0.00, 0.07, 0.39, 0.04
HSL	49°, 81%, 77%
HSV	49°, 39%, 96%
XYZ	69.8499, 75.7639, 38.9594
YIQ	222.4900, 35.7660, -20.4420

Conversions

Conversions Part 2

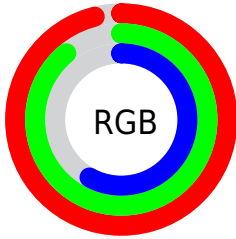
Format	Color
R_{YB}	170, 244, 148
Decimal	16048788
CIE _{Lab}	89.75, -4.61, 40.34
CIE _{LCh}	90, 40.603, 96.515
Yxy	75.7639, 0.3784, 0.4105
Android (android.graphics.Color)	4294238868 (0xFFFF4E294)
YUV	222.4900, -36.7236, 18.8643
Hunter-Lab	87.0425, -9.0816, 34.3921

Details

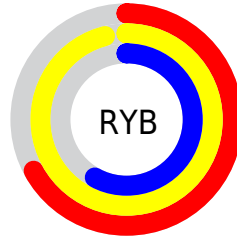
The YUV color $222.4900, -36.7236, 18.8643$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $169.5100, 36.7236, -18.8643$, and the grayscale version is $223.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.0720, -22.7135, 5.1989$, and $166.9350, -34.9710, 16.7200$ is the 20% darker color. If you saturate the color by 10%, you get $216.8190, -45.7598, 23.8377$, and if you desaturate by 10%, it is $228.1610, -27.6874, 13.8908$.

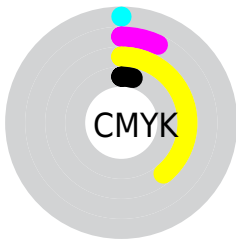
Distribution



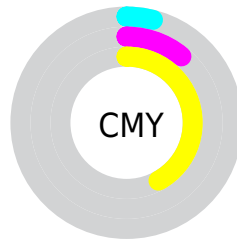
- Red (96%)
- Green (89%)
- Blue (58%)



- Red (67%)
- Yellow (96%)
- Blue (58%)



- Cyan (0%)
- Magenta (7%)
- Yellow (39%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.4900, -36.7236, 18.8643 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 222.4900, -36.7236, 18.8643 by changing the saturation by 10% instead.

■ 222.4900,
-36.7236, 18.8643

■ 222.4900,
-36.7236, 18.8643

255.0000, 0.0000,
0.0000

■ 194.4190,
-35.7026, 18.0495

■ 249.0720,
-22.7135, 5.1989

■ 166.9350,
-34.9710, 16.7200

■ 252.2640,
-10.4832, 2.3995

■ 139.8640,
-33.9500, 15.9053

■ 114.3800,
-33.2183, 14.5757

■ 89.0810, -33.0709,
13.9610

■ 65.2980, -32.1919,
12.0167

■ 44.9090, -22.1401,

7.9728

■ 25.4060, -12.5252,
4.0289

■ 0.0000, 0.0000,
0.0000

■ 222.4900,
-36.7236, 18.8643

■ 222.4900,
-36.7236, 18.8643

■ 216.8190,
-45.7598, 23.8377

■ 228.1610,
-27.6874, 13.8908

■ 211.6210,
-55.5222, 28.3964

■ 233.3590,
-17.9250, 9.3322

■ 205.9500,
-64.5583, 33.3699

■ 239.0300, -8.8888,
4.3587

■ 200.7520,
-74.3207, 37.9285

■ 244.2280, 0.8736,
-0.2000

■ 195.0810,
-83.3569, 42.9020

■ 248.1890, 3.3578,
-3.6738

■ 189.9970,
-92.6825, 47.3606

■ 250.5370, 2.2003,
-5.7329

■ 189.1820,
-93.2667, 48.0754

■ 251.7110, 1.6215,
-6.7625

Harmonies

Analogous

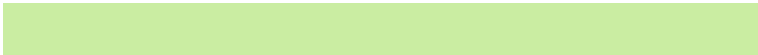
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218.9460, -31.5254, 31.6194



222.4900, -36.7236, 18.8643



217.9850, -27.6006, -14.0188

Triad

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



222.4900, -36.7236, 18.8643



200.0940, 27.0687, -95.6754



223.3020, 15.6271, 27.7991

Complementary

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



222.4900, -36.7236, 18.8643



169.5100, 36.7236, -18.8643

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.



226.4590, 14.0707, 13.6295



222.4900, -36.7236, 18.8643



206.7490, 23.7877, -69.9399

Square

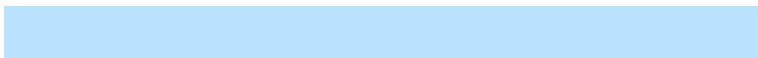
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.4900, -36.7236, 18.8643



204.7400, 13.9322, -82.2100



217.9330, 18.2740, -28.0052



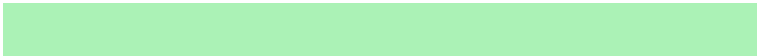
216.1490, 0.9125, 34.0723

Rectangle

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



222.4900, -36.7236, 18.8643



213.9310, -15.7420, -37.6505



217.9330, 18.2740, -28.0052



225.0630, 14.7589, 26.2547

Sweetspot

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



222.4900, -36.7236, 18.8643



247.9440, -11.8044, 6.1881



178.8700, -5.8519, 57.1190



123.6000, -6.7048, 3.8588



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.



222.4900, -36.7236, 18.8643



228.4060, -46.0492, 23.3229



224.3850, -37.6578, -8.2306



119.4580, -4.6628, 2.2293



144.2510, -71.1157, 36.6139



45.8170, -22.5878, 11.5615

Inverse Universe

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



169.5100, 36.7236, -18.8643



162.1810, 45.7598, -23.8377



167.6150, 37.6578, 8.2306



112.5420, 4.6628, -2.2293



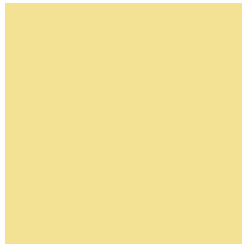
41.7490, 71.1157, -36.6139



13.1830, 22.5878, -11.5615

Previews

White Background



This preview shows how the YUV color 222.4900, -36.7236, 18.8643 looks on a white background.

Color Contrast Check

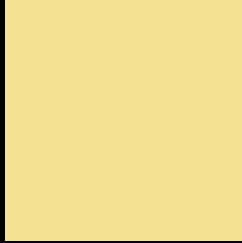
Large Text (above 18pt) WCAG AA × Fail

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 222.4900, -36.7236, 18.8643 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 222.4900, -36.7236, 18.8643

Background



This preview shows how black text looks on a background with the YUV color 222.4900, -36.7236, 18.8643.



This preview shows how white text looks on a background with the YUV color 222.4900, -36.7236, 18.8643.

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

222.4900, -36.7236, 18.8643

Protanopia

222.7890, -36.8710, 19.4790

Deuteranopia

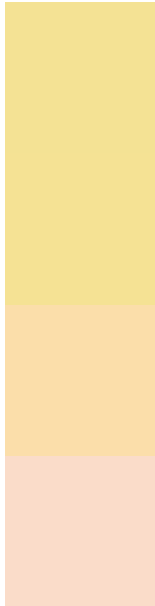
226.2470, -21.3208, 25.2164



Tritanopia

228.8870, 1.5347, 21.1471

Trichromacy



Original Color

222.4900, -36.7236, 18.8643

Protanomaly

222.7890, -36.8710, 19.4790

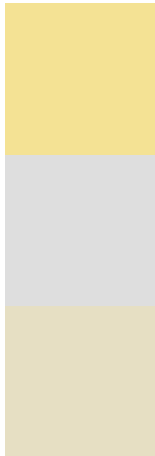
Deuteranomaly

224.7430, -26.9883, 23.0274

Tritanomaly

226.8040, -12.7214, 20.3429

Monochromacy



Original Color

222.4900, -36.7236, 18.8643

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.9010, -13.2622, 7.1028

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.4900, -36.7236, 18.8643 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(244, 226, 148)` looks like.

```
.text, #text, p{  
    color:rgb(244, 226, 148)  
}
```

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(244, 226, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 226, 148) }
```

Border

The CSS property to change the border of an element to YUV 222.4900, -36.7236, 18.8643 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(244, 226, 148) }
```


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

```
.border{ border-color:rgb(244, 226, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 226, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 226, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 226, 148); box-shadow:4px 4px 4px 4px rgb(244, 226, 148) }
```

Background

The CSS property to change the background color of an element to YUV 222.4900, -36.7236, 18.8643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 226, 148) }
```

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

```
.background{ background-color: rgb(244,  
226, 148) }
```

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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