

Converting Colors

YUV(212.2490, -44.4928,
37.4926)

Have a look what the booklet for
YUV(212.2490, -44.4928, 37.4926)
contains.

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Color

**YUV(212.2490, -44.4928,
37.4926)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFD07A |
| RGB | 255, 208, 122 |
| RGB Percent | 100%, 82%, 48% |
| CMY | 0.0000, 0.1843, 0.5216 |
| CMYK | 0.00, 0.18, 0.52, 0.00 |
| HSL | 39°, 100%, 74% |
| HSV | 39°, 52%, 100% |
| XYZ | 67.3087, 67.7769, 27.9470 |
| YIQ | 212.2490, 55.6180, -16.7820 |

Conversions

Conversions Part 2

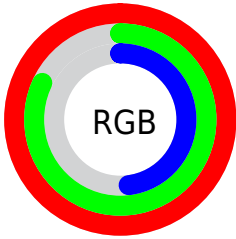
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 195, 255, 122 |
| Decimal | 16765050 |
| CIE Lab | 85.89, 6.47, 48.58 |
| CIE LCh | 86, 49.007, 82.414 |
| Yxy | 67.7769, 0.4129, 0.4157 |
| Android (android.graphics.Color) | 4294955130 (0xFFFFD07A) |
| YUV | 212.2490, -44.4928, 37.4926 |
| Hunter-Lab | 82.3267, 1.8664, 37.5018 |

Details

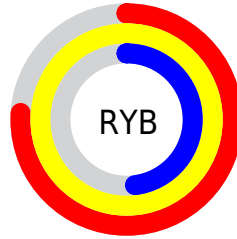
The YUV color $212.2490, -44.4928, 37.4926$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $164.7510, 44.4928, -37.4926$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.9940, -34.5070, 7.8983$, and $157.0960, -42.4453, 34.1188$ is the 20% darker color. If you saturate the color by 10%, you get $204.1160, -52.8082, 44.6253$, and if you desaturate by 10%, it is $220.4960, -35.7405, 30.2600$.

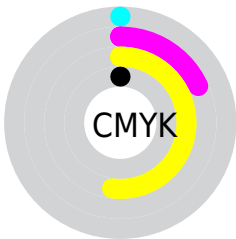
Distribution



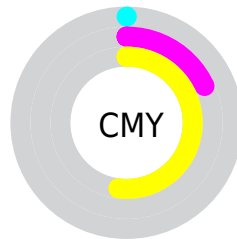
- Red (100%)
- Green (82%)
- Blue (48%)



- Red (76%)
- Yellow (100%)
- Blue (48%)



- Cyan (0%)
- Magenta (18%)
- Yellow (52%)
- Black (0%)



- Cyan (0%)
- Magenta (18%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.2490, -44.4928, 37.4926 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 212.2490, -44.4928, 37.4926 by changing the saturation by 10% instead.

212.2490,
-44.4928, 37.4926

212.2490,
-44.4928, 37.4926

255.0000, 0.0000,
0.0000

184.4660,
-43.6137, 35.5483

245.9940,
-34.5070, 7.8983

157.0960,
-42.4453, 34.1188

249.1860,
-22.2767, 5.0989

130.1990,
-42.0031, 32.2745

252.4920, -9.6096,
2.1995

103.7750,
-42.2871, 30.0153

79.5620, -39.2241,
27.5711

57.9880, -28.5881,
22.8125

37.5880, -18.5309,

17.0243

■ 18.6720, -9.2053,
12.5657

■ 0.0000, 0.0000,
0.0000

■ 212.2490,
-44.4928, 37.4926

■ 212.2490,
-44.4928, 37.4926

■ 204.1160,
-52.8082, 44.6253

■ 220.4960,
-35.7405, 30.2600

■ 195.8690,
-61.5604, 51.8579

■ 228.6290,
-27.4251, 23.1274

■ 187.7360,
-69.8758, 58.9905

■ 236.8760,
-18.6729, 15.8947

■ 179.4890,
-78.6281, 66.2231

■ 245.0090,
-10.3574, 8.7621

173.1000,
-85.3383, 71.8263

253.2560, -1.6052,
1.5295

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



205.2510, -30.6897, 43.6299



212.2490, -44.4928, 37.4926



207.8700, -39.8689, 0.9910

Triad

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



212.2490, -44.4928, 37.4926



168.6790, 39.5983, -147.9315



216.8450, 18.8104, 33.4619

Complementary

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



212.2490, -44.4928, 37.4926



164.7510, 44.4928, -37.4926

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.



210.9770, 21.7033, -7.8728



212.2490, -44.4928, 37.4926



166.4280, 43.6660, -145.9574

Square

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



212.2490, -44.4928, 37.4926



189.5190, 5.6601, -89.0322



195.8510, 29.1605, -66.5213



207.4240, 10.6370, 41.7242

Rectangle

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



212.2490, -44.4928, 37.4926



203.4520, -29.3098, -25.8294



195.8510, 29.1605, -66.5213



217.0780, 18.6955, 23.6106

Sweetspot

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



212.2490, -44.4928, 37.4926



242.1080, -13.8572, 11.3063



167.3530, 1.7980, 76.8664



119.8670, -8.3154, 7.1326



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.



212.2490, -44.4928, 37.4926



203.1870, -53.8292, 45.4400



234.4560, -55.4408, 2.2311



123.5830, -4.2314, 3.8737



129.8970, -64.0392, 53.5873



43.2030, -21.2991, 18.2390

Inverse Universe

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



164.7510, 44.4928, -37.4926



145.8130, 53.8292, -45.4400



142.5440, 55.4408, -2.2311



118.8300, 4.5208, -3.3589



61.6900, 63.7498, -54.1021



20.7970, 21.2991, -18.2390

Previews

White Background



This preview shows how the YUV color 212.2490, -44.4928, 37.4926 looks on a white background.

Color Contrast Check

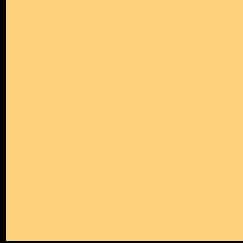
Large Text (above 18pt) WCAG AA × Fail

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 212.2490, -44.4928, 37.4926 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 212.2490, -44.4928, 37.4926

Background



This preview shows how black text looks on a background with the YUV color 212.2490, -44.4928, 37.4926.



This preview shows how white text looks on a background with the YUV color 212.2490, -44.4928, 37.4926.

37.4926.

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

212.2490, -44.4928, 37.4926

Protanopia

211.0190, -42.4074, 21.9083

Deuteranopia

214.0560, -35.0306, 35.9079



Tritanopia

218.5140, -2.7184, 31.9982

Trichromacy



Original Color

212.2490, -44.4928, 37.4926

Protanomaly

211.2370, -43.0078, 27.8562

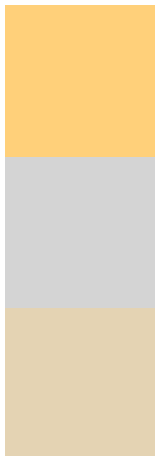
Deuteranomaly

213.1440, -38.5250, 36.7077

Tritanomaly

216.5130, -18.0009, 33.7531

Monochromacy



Original Color

212.2490, -44.4928, 37.4926

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

212.4350, -16.4835, 13.6505

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.2490, -44.4928, 37.4926 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(255, 208, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 122)  
}
```

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(255, 208, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 122) }
```

Border

The CSS property to change the border of an element to YUV 212.2490, -44.4928, 37.4926 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(255, 208, 122) }
```


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

```
.border{ border-color:rgb(255, 208, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 212.2490, -44.4928, 37.4926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 122) }
```

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

```
.background{ background-color: rgb(255,  
208, 122) }
```

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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