

Converting Colors

YUV(225.6670, -28.4298,
18.7090)

Have a look what the booklet for
YUV(225.6670, -28.4298, 18.7090)
contains.

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Color

**YUV(225.6670, -28.4298,
18.7090)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E2A8
RGB	247, 226, 168
RGB Percent	97%, 89%, 66%
CMY	0.0314, 0.1137, 0.3412
CMYK	0.00, 0.09, 0.32, 0.03
HSL	44°, 83%, 81%
HSV	44°, 32%, 97%
XYZ	72.6220, 76.9940, 48.0795
YIQ	225.6670, 31.1340, -13.5860

Conversions

Conversions Part 2

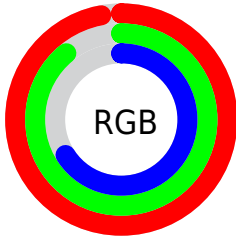
Format	Color
RYB	197, 247, 168
Decimal	16245416
CIELab	90.32, -1.17, 31.01
CIElCh	90, 31.032, 92.159
Yxy	76.9940, 0.3673, 0.3895
Android (android.graphics.Color)	4294435496 (0xFFFF7E2A8)
YUV	225.6670, -28.4298, 18.7090
Hunter-Lab	87.7462, -5.8228, 28.9351

Details

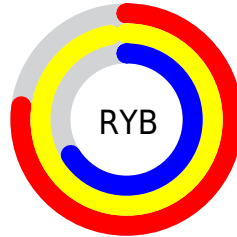
The YUV color $225.6670, -28.4298, 18.7090$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $189.3330, 28.4298, -18.7090$, and the grayscale version is $226.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.4660, -13.5407, 3.0993$, and $170.2970, -27.2614, 17.2795$ is the 20% darker color. If you saturate the color by 10%, you get $218.7080, -37.3240, 24.8121$, and if you desaturate by 10%, it is $232.6260, -19.5356, 12.6060$.

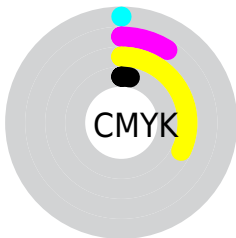
Distribution



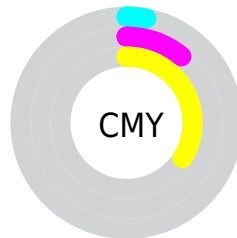
- Red (97%)
- Green (89%)
- Blue (66%)



- Red (77%)
- Yellow (97%)
- Blue (66%)



- Cyan (0%)
- Magenta (9%)
- Yellow (32%)
- Black (3%)



- Cyan (3%)
- Magenta (11%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.6670, -28.4298, 18.7090 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 225.6670, -28.4298, 18.7090 by changing the saturation by 10% instead.

225.6670,
-28.4298, 18.7090

225.6670,
-28.4298, 18.7090

255.0000, 0.0000,
0.0000

197.4820,
-27.8456, 17.9943

251.4660,
-13.5407, 3.0993

170.2970,
-27.2614, 17.2795

254.6580, -1.3104,
0.2999

143.2260,
-26.2404, 16.4648

117.7420,
-25.5088, 15.1353

92.6710, -24.4878,
14.3205

68.7740, -24.0456,
12.4762

45.8170, -22.5878,

11.5615

■ 26.9010, -13.2622,
7.1028

■ 1.1740, -0.5788,
-1.0296

■ 225.6670,
-28.4298, 18.7090

■ 225.6670,
-28.4298, 18.7090

■ 218.7080,
-37.3240, 24.8121

■ 232.6260,
-19.5356, 12.6060

■ 212.4500,
-46.0708, 30.3004

■ 238.8840,
-10.7888, 7.1177

■ 205.4910,
-54.9651, 36.4034

■ 245.8430, -1.8946,
1.0147

■ 199.1190,
-64.1487, 41.9916

■ 250.8470, 2.0474,
-3.3738

■ 192.1600,
-73.0429, 48.0947

■ 252.6080, 1.1793,
-4.9182

■ 185.9020,
-81.7897, 53.5829

■ 180.1000,
-88.7893, 58.6713

Harmonies

Analogous

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



223.1010, -23.2208, 27.9754



225.6670, -28.4298, 18.7090



222.2940, -22.8229, -6.3968

Triad

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



225.6670, -28.4298, 18.7090



213.5710, 20.4245, -64.5218



228.5850, 13.0226, 23.1660

Complementary

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



225.6670, -28.4298, 18.7090



189.3330, 28.4298, -18.7090

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.



227.8880, 13.3662, 6.2372



225.6670, -28.4298, 18.7090



215.4200, 19.5129, -52.1113

Square

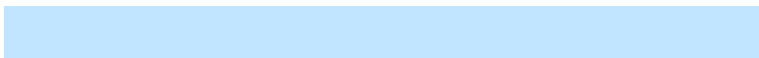
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225.6670, -28.4298, 18.7090



214.6680, 6.5727, -54.9598



221.4990, 16.5160, -24.1166



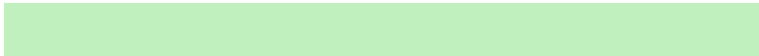
222.9310, 1.5130, 28.1245

Rectangle

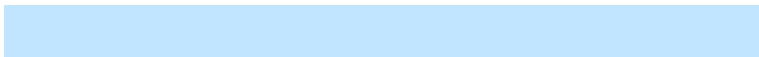
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225.6670, -28.4298, 18.7090



219.9480, -14.7644, -24.5104



221.4990, 16.5160, -24.1166



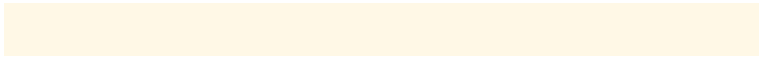
230.3460, 12.1544, 21.6216

Sweetspot

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



225.6670, -28.4298, 18.7090



248.0410, -8.8942, 6.1030



194.0150, -2.4724, 46.4678



123.2410, -5.5418, 4.1736



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.



225.6670, -28.4298, 18.7090



228.6800, -34.8452, 23.0826



232.6120, -31.8537, -3.1677



118.8710, -4.3734, 2.7441



136.0330, -67.0643, 43.8211



42.8820, -21.1408, 14.1355

Inverse Universe

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



189.3330, 28.4298, -18.7090



184.3200, 34.8452, -23.0826



182.3880, 31.8537, 3.1677



113.1290, 4.3734, -2.7441



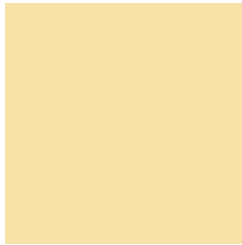
49.9670, 67.0643, -43.8211



16.1180, 21.1408, -14.1355

Previews

White Background



This preview shows how the YUV color 225.6670, -28.4298, 18.7090 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 225.6670, -28.4298, 18.7090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

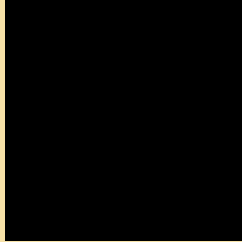
Any Text WCAG AA ✓ Pass

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 225.6670, -28.4298, 18.7090 Background



This preview shows how black text looks on a background with the YUV color 225.6670, -28.4298, 18.7090.



This preview shows how white text looks on a background with the YUV color 225.6670, -28.4298, 18.7090.

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

225.6670, -28.4298, 18.7090

Protanopia

225.3570, -28.2770, 16.3499

Deuteranopia

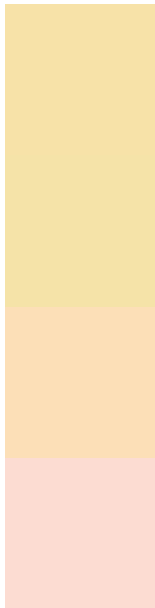
227.8600, -17.6790, 23.8018



Tritanopia

230.3000, 1.8241, 21.6619

Trichromacy



Original Color

225.6670, -28.4298, 18.7090

Protanomaly

225.6560, -28.4244, 16.9647

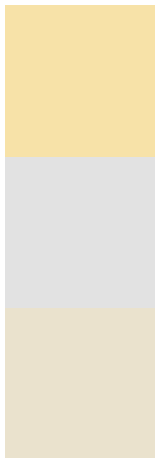
Deuteranomaly

227.1110, -21.7467, 21.8277

Tritanomaly

228.4280, -9.0850, 20.6726

Monochromacy



Original Color

225.6670, -28.4298, 18.7090

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

225.9980, -10.3520, 7.0178

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.6670, -28.4298, 18.7090 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, 226, 168)` looks like.

```
.text, #text, p{  
    color:rgb(247, 226, 168)  
}
```

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, 226, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 226, 168) }
```

Border

The CSS property to change the border of an element to YUV 225.6670, -28.4298, 18.7090 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, 226, 168) }
```


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

```
.border{ border-color:rgb(247, 226, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 226, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 226, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 226, 168); box-shadow:4px 4px 4px 4px rgb(247, 226, 168) }
```

Background

The CSS property to change the background color of an element to YUV 225.6670, -28.4298, 18.7090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 226, 168) }
```

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

```
.background{ background-color: rgb(247,  
226, 168) }
```

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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