

Converting Colors

YUV(195.4400, -30.7829,
26.8011)

Have a look what the booklet for
YUV(195.4400, -30.7829, 26.8011)
contains.

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Color

**YUV(195.4400, -30.7829,
26.8011)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C085
RGB	226, 192, 133
RGB Percent	89%, 75%, 52%
CMY	0.1137, 0.2471, 0.4784
CMYK	0.00, 0.15, 0.41, 0.11
HSL	38°, 62%, 70%
HSV	38°, 41%, 89%
XYZ	54.4473, 55.5615, 30.0451
YIQ	195.4400, 39.2030, -11.1410

Conversions

Conversions Part 2

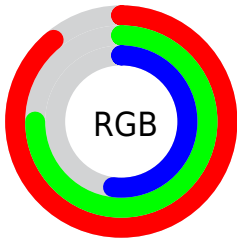
Format	Color
RYB	187, 226, 133
Decimal	14860421
CIELab	79.36, 4.21, 34.21
CIELCh	79, 34.471, 82.991
Yxy	55.5615, 0.3888, 0.3967
Android (android.graphics.Color)	4293050501 (0xFFE2C085)
YUV	195.4400, -30.7829, 26.8011
Hunter-Lab	74.5396, -0.0592, 28.2794

Details

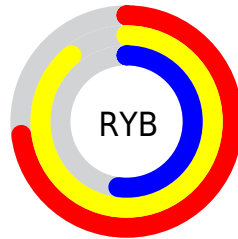
The YUV color $195.4400, -30.7829, 26.8011$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $163.5600, 30.7829, -26.8011$, and the grayscale version is $196.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.1390, -27.6765, 10.4021$, and $141.4720, -29.3197, 24.1421$ is the 20% darker color. If you saturate the color by 10%, you get $188.1220, -38.5141, 33.2190$, and if you desaturate by 10%, it is $202.7580, -23.0517, 20.3832$.

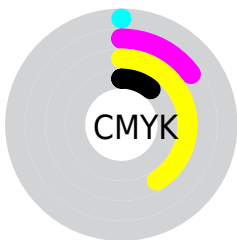
Distribution



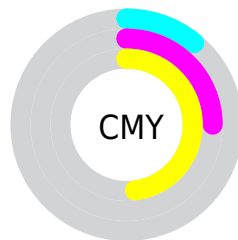
- Red (89%)
- Green (75%)
- Blue (52%)



- Red (73%)
- Yellow (89%)
- Blue (52%)



- Cyan (0%)
- Magenta (15%)
- Yellow (41%)
- Black (11%)



- Cyan (11%)
- Magenta (25%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.4400, -30.7829, 26.8011 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 195.4400, -30.7829, 26.8011 by changing the saturation by 10% instead.

■ 195.4400,
-30.7829, 26.8011

■ 195.4400,
-30.7829, 26.8011

■ 255.0000, 0.0000,
0.0000

■ 167.9560,
-30.0513, 25.4716

■ 243.1390,
-27.6765, 10.4021

■ 141.4720,
-29.3197, 24.1421

■ 250.4400,
-17.4719, 3.9991

■ 115.1020,
-28.1513, 22.7125

■ 253.6320, -5.2416,
1.1997

■ 90.6180, -27.4197,
21.3830

■ 66.3080, -27.2668,
19.0239

■ 44.9640, -22.1673,
16.6946

■ 25.1620, -12.4049,

12.1359

■ 1.1960, -0.5896,
2.4591

■ 0.0000, 0.0000,
0.0000

■ 195.4400,
-30.7829, 26.8011

■ 195.4400,
-30.7829, 26.8011

■ 188.1220,
-38.5141, 33.2190

■ 202.7580,
-23.0517, 20.3832

■ 180.3310,
-45.5192, 40.0517

■ 210.5490,
-16.0467, 13.5505

■ 173.0130,
-53.2504, 46.4696

■ 217.8670, -8.3154,
7.1326

■ 165.8090,
-60.5448, 52.7875

■ 225.0710, -1.0210,
0.8147

■ 158.4910,
-68.2761, 59.2054

■ 232.3890, 6.7102,
-5.6032

■ 151.5150,
-74.6969, 65.3233

■ 238.6980, 8.0369,
-11.1361

■ 243.3940, 5.7218,
-15.2545

■ 246.3290, 4.2748,
-17.8285

Harmonies

Analogous

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



197.7550, -25.0222, 45.8189



195.4400, -30.7829, 26.8011



191.8990, -27.0652, 0.9656

Triad

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



195.4400, -30.7829, 26.8011



178.6190, 20.8938, -75.0879



201.3340, 17.0903, 25.1401

Complementary

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



195.4400, -30.7829, 26.8011



163.5600, 30.7829, -26.8011

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.



198.2960, 27.9551, -6.3986



195.4400, -30.7829, 26.8011



181.6270, 32.2289, -70.7099

Square

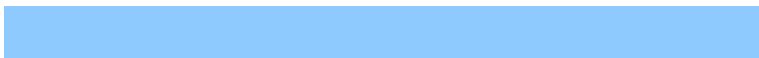
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



195.4400, -30.7829, 26.8011



182.6310, 2.6469, -55.8044



190.4010, 31.8473, -41.5707



201.1660, 1.8902, 47.2124

Rectangle

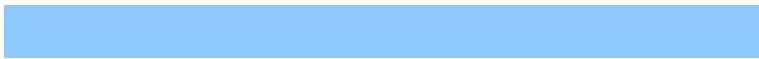
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



195.4400, -30.7829, 26.8011



189.6130, -20.0222, -18.0776



190.4010, 31.8473, -41.5707



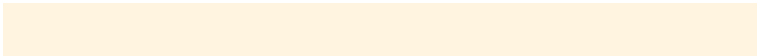
200.7180, 21.3380, 16.0333

Sweetspot

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



195.4400, -30.7829, 26.8011



245.0090, -10.3574, 8.7621



164.6830, 1.1423, 53.7750



121.8390, -5.8366, 5.4032



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.



195.4400, -30.7829, 26.8011



213.7480, -41.2878, 36.1780



211.8100, -38.8533, 1.9206



108.3980, -3.6472, 3.1590



118.3680, -58.3554, 50.5433



32.5490, -16.0467, 13.5505

Inverse Universe

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



163.5600, 30.7829, -26.8011



171.2520, 41.2878, -36.1780



147.1900, 38.8533, -1.9206



104.6020, 3.6472, -3.1590



57.6320, 58.3554, -50.5433



16.0380, 15.7573, -14.0653

Previews

White Background



This preview shows how the YUV color 195.4400, -30.7829, 26.8011 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 195.4400, -30.7829, 26.8011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

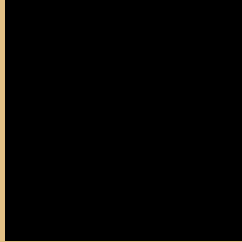
Any Text WCAG AA ✓ Pass

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 195.4400, -30.7829, 26.8011 Background



This preview shows how black text looks on a background with the YUV color 195.4400, -30.7829, 26.8011.



This preview shows how white text looks on a background with the YUV color 195.4400, -30.7829, 26.8011.

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

195.4400, -30.7829, 26.8011

Protanopia

194.7160, -29.4400, 16.0351

Deuteranopia

195.8970, -30.5152, 34.2933



Tritanopia

200.2470, -1.1078, 28.7244

Trichromacy



Original Color

195.4400, -30.7829, 26.8011

Protanomaly

194.9230, -30.0350, 20.2385

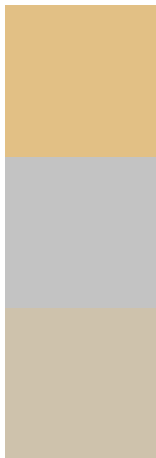
Deuteranomaly

195.5870, -30.3624, 31.9342

Tritanomaly

198.3750, -12.0169, 27.7351

Monochromacy



Original Color

195.4400, -30.7829, 26.8011

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

195.0800, -11.3784, 9.5768

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.4400, -30.7829, 26.8011 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(226, 192, 133)` looks like.

```
.text, #text, p{  
    color:rgb(226, 192, 133)  
}
```

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(226, 192, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 192, 133) }
```

Border

The CSS property to change the border of an element to YUV 195.4400, -30.7829, 26.8011 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(226, 192, 133) }
```


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

```
.border{ border-color:rgb(226, 192, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 192, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 192, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 192, 133);  
box-shadow:4px 4px 4px 4px rgb(226, 192,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 195.4400, -30.7829, 26.8011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 192, 133) }
```

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

```
.background{ background-color: rgb(226,  
192, 133) }
```

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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