

Converting Colors

YUV(197.7440, -28.4678,
30.9195)

Have a look what the booklet for
YUV(197.7440, -28.4678, 30.9195)
contains.

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Color

**YUV(197.7440, -28.4678,
30.9195)**

Conversions

Conversions Part 1

Format	Color
Hex	E9BF8C
RGB	233, 191, 140
RGB Percent	91%, 75%, 55%
CMY	0.0863, 0.2510, 0.4510
CMYK	0.00, 0.18, 0.40, 0.09
HSL	33°, 68%, 73%
HSV	33°, 40%, 91%
XYZ	56.9687, 56.4787, 32.7098
YIQ	197.7440, 41.4030, -6.9570

Conversions

Conversions Part 2

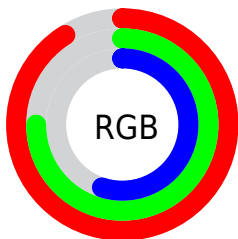
Format	Color
R _Y B	217, 233, 140
Decimal	15318924
CIE Lab	79.89, 8.27, 31.37
CIE LCh	80, 32.444, 75.232
Yxy	56.4787, 0.3898, 0.3864
Android (android.graphics.Color)	4293509004 (0xFFE9BF8C)
YUV	197.7440, -28.4678, 30.9195
Hunter-Lab	75.1523, 3.7942, 26.8008

Details

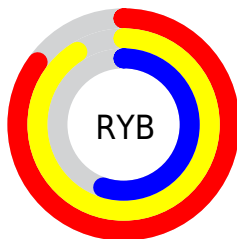
The YUV color **197.7440, -28.4678, 30.9195** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **175.2560, 28.4678, -30.9195**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.3500, -24.3295, 10.2171**, and **143.7760, -27.0046, 28.2604** is the 20% darker color. If you saturate the color by 10%, you get **188.6650, -35.3308, 38.8818**, and if you desaturate by 10%, it is **206.8230, -21.6047, 22.9572**.

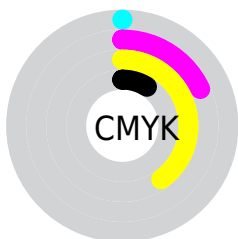
Distribution



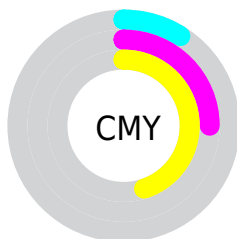
- Red (91%)
- Green (75%)
- Blue (55%)



- Red (85%)
- Yellow (91%)
- Blue (55%)



- Cyan (0%)
- Magenta (18%)
- Yellow (40%)
- Black (9%)



- Cyan (9%)
- Magenta (25%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.7440, -28.4678, 30.9195 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 197.7440, -28.4678, 30.9195 by changing the saturation by 10% instead.

197.7440,
-28.4678, 30.9195

197.7440,
-28.4678, 30.9195

255.0000, 0.0000,
0.0000

170.2600,
-27.7362, 29.5900

243.3500,
-24.3295, 10.2171

143.7760,
-27.0046, 28.2604

251.2380,
-14.4143, 3.2993

117.4060,
-25.8362, 26.8309

254.5440, -1.7472,
0.3999

92.6230, -24.9571,
24.8866

68.4270, -24.3675,
22.4275

45.8720, -22.6149,
20.2833

26.0700, -12.8525,

15.7246

■ 5.3820, -2.6533,
11.0660

■ 0.0000, 0.0000,
0.0000

■ 197.7440,
-28.4678, 30.9195

■ 197.7440,
-28.4678, 30.9195

■ 188.6650,
-35.3308, 38.8818

■ 206.8230,
-21.6047, 22.9572

■ 180.0590,
-42.9201, 46.4293

■ 215.4290,
-14.0155, 15.4098

■ 170.9800,
-49.7831, 54.3915

■ 224.5080, -7.1524,
7.4475

■ 162.4880,
-56.9356, 61.8390

■ 233.0000, 0.0000,
0.0000

153.4090,
-63.7986, 69.8013

241.9650, 6.4263,
-7.8623

144.8030,
-71.3879, 77.3488

247.8350, 3.5323,
-13.0103

248.4220, 3.2430,
-13.5251

Harmonies

Analogous

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



199.6780, -21.5333, 46.7634



197.7440, -28.4678, 30.9195



194.8290, -27.5237, 8.0430

Triad

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



197.7440, -28.4678, 30.9195



182.7790, 14.8990, -65.5812



202.1480, 19.1540, 16.5332

Complementary

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



197.7440, -28.4678, 30.9195



175.2560, 28.4678, -30.9195

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.



198.5400, 27.8348, -14.5056



197.7440, -28.4678, 30.9195



183.4980, 27.8555, -67.9657

Square

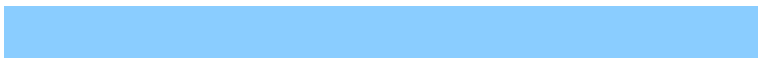
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



197.7440, -28.4678, 30.9195



186.7310, -2.3324, -45.3681



190.6670, 31.7162, -46.1890



202.7460, 5.5482, 40.5648

Rectangle

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



197.7440, -28.4678, 30.9195



192.5000, -21.9385, -10.0855



190.6670, 31.7162, -46.1890



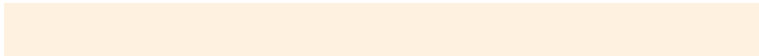
201.0050, 22.6755, 7.0116

Sweetspot

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



197.7440, -28.4678, 30.9195



243.2480, -9.4893, 10.3065



172.7090, 5.0735, 52.8752



120.6650, -5.2578, 6.4328



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.



197.7440, -28.4678, 30.9195



208.8070, -37.3729, 40.5113



221.5010, -40.1800, 7.4536



112.8110, -3.3578, 3.6738



112.2320, -55.3304, 60.3095



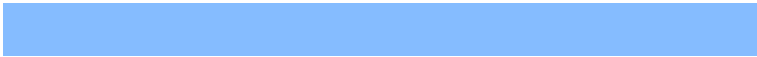
33.1690, -16.3523, 18.2688

Inverse Universe

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



175.2560, 28.4678, -30.9195



179.1930, 37.3729, -40.5113



151.4990, 40.1800, -7.4536



110.1890, 3.3578, -3.6738



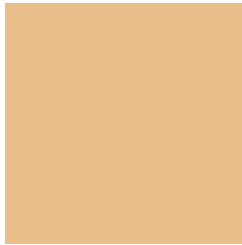
68.7680, 55.3304, -60.3095



20.2440, 16.6417, -17.7540

Previews

White Background



This preview shows how the YUV color 197.7440, -28.4678, 30.9195 looks on a white background.

Color Contrast Check

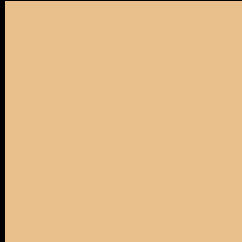
Large Text (above 18pt) WCAG AA × Fail

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 197.7440, -28.4678, 30.9195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

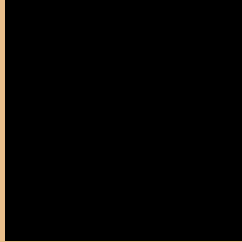
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 197.7440, -28.4678, 30.9195

Background



This preview shows how black text looks on a background with the YUV color 197.7440, -28.4678, 30.9195.



This preview shows how white text looks on a background with the YUV color 197.7440, -28.4678,

30.9195.

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

197.7440, -28.4678, 30.9195

Protanopia

196.2150, -26.2350, 14.7204

Deuteranopia

198.0540, -28.6206, 33.2786



Tritanopia

201.4540, -1.7028, 32.9278

Trichromacy



Original Color

197.7440, -28.4678, 30.9195

Protanomaly

196.4330, -26.8355, 20.6683

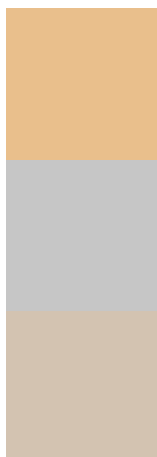
Deuteranomaly

197.7550, -28.4732, 32.6639

Tritanomaly

200.2230, -11.4489, 32.2534

Monochromacy



Original Color

197.7440, -28.4678, 30.9195

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

197.7320, -10.2209, 11.6360

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.7440, -28.4678, 30.9195 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(233, 191, 140)` looks like.

```
.text, #text, p{  
    color:rgb(233, 191, 140)  
}
```

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(233, 191, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 191, 140) }
```

Border

The CSS property to change the border of an element to YUV 197.7440, -28.4678, 30.9195 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(233, 191, 140) }
```


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

```
.border{ border-color:rgb(233, 191, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 191, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 191, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 191, 140); box-shadow:4px 4px 4px 4px rgb(233, 191, 140) }
```

Background

The CSS property to change the background color of an element to YUV 197.7440, -28.4678, 30.9195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 191, 140) }
```

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

```
.background{ background-color: rgb(233,  
191, 140) }
```

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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