

Converting Colors

YUV(198.6230, -24.9571,
24.8866)

Have a look what the booklet for
YUV(198.6230, -24.9571, 24.8866)
contains.

YUV(198.6230, -24.9571, 24.8866)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(198.6230, -24.9571,
24.8866)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C294
RGB	227, 194, 148
RGB Percent	89%, 76%, 58%
CMY	0.1098, 0.2392, 0.4196
CMYK	0.00, 0.15, 0.35, 0.11
HSL	35°, 59%, 74%
HSV	35°, 35%, 89%
XYZ	56.3156, 57.0526, 36.0611
YIQ	198.6230, 34.4340, -7.3100

Conversions

Conversions Part 2

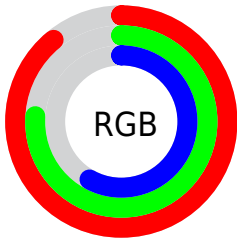
Format	Color
R_{YB}	205, 227, 148
Decimal	14926484
CIE Lab	80.21, 5.26, 27.50
CIE LCh	80, 28.001, 79.177
Yxy	57.0526, 0.3769, 0.3818
Android (android.graphics.Color)	4293116564 (0xFFE3C294)
YUV	198.6230, -24.9571, 24.8866
Hunter-Lab	75.5332, 0.9021, 24.5670

Details

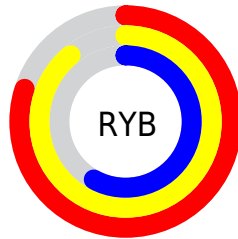
The YUV color **198.6230, -24.9571, 24.8866** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **176.3770, 24.9571, -24.8866**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.0230, -21.7033, 7.8728**, and **144.6550, -23.4939, 22.2276** is the 20% darker color. If you saturate the color by 10%, you get **190.7180, -32.3990, 31.8193**, and if you desaturate by 10%, it is **206.5280, -17.5153, 17.9539**.

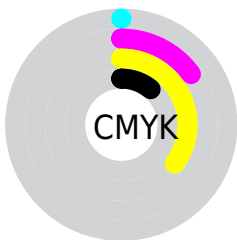
Distribution



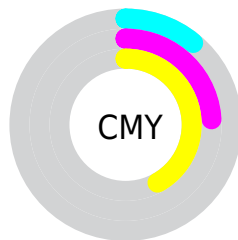
- Red (89%)
- Green (76%)
- Blue (58%)



- Red (80%)
- Yellow (89%)
- Blue (58%)



- Cyan (0%)
- Magenta (15%)
- Yellow (35%)
- Black (11%)



- Cyan (11%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.6230, -24.9571, 24.8866 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 198.6230, -24.9571, 24.8866 by changing the saturation by 10% instead.

■ 198.6230,
-24.9571, 24.8866

■ 198.6230,
-24.9571, 24.8866

255.0000, 0.0000,
0.0000

■ 171.1390,
-24.2255, 23.5571

■ 246.0230,
-21.7033, 7.8728

■ 144.6550,
-23.4939, 22.2276

■ 252.2640,
-10.4832, 2.3995

■ 118.5840,
-22.4729, 21.4128

■ 93.8010, -21.5939,
19.4685

■ 69.6160, -21.0097,
18.7538

■ 46.4910, -21.4411,
17.1094

■ 27.2330, -13.4259,

12.9507

■ 4.1860, -2.0637,
8.6069

■ 0.0000, 0.0000,
0.0000

■ 198.6230,
-24.9571, 24.8866

■ 198.6230,
-24.9571, 24.8866

■ 190.7180,
-32.3990, 31.8193

■ 206.5280,
-17.5153, 17.9539

■ 182.3400,
-39.1146, 39.1668

■ 214.9060,
-10.7997, 10.6064

■ 174.4350,
-46.5565, 46.0995

■ 222.8110, -3.3578,
3.6738

■ 165.9430,
-53.7089, 53.5470

■ 231.3030, 3.7946,
-3.7737

■ 158.1520,
-60.7139, 60.3797

■ 238.4100, 8.1789,
-10.0066

■ 149.6600,
-67.8664, 67.8272

■ 244.2800, 5.2850,
-15.1546

■ 145.3570,
-71.6610, 71.6009

■ 246.6280, 4.1274,
-17.2138

Harmonies

Analogous

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



200.9760, -20.2012, 39.4860



198.6230, -24.9571, 24.8866



196.2460, -23.2923, 4.1693

Triad

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



198.6230, -24.9571, 24.8866



187.2040, 13.7034, -55.4299



203.0080, 14.7861, 17.5330

Complementary

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



198.6230, -24.9571, 24.8866



176.3770, 24.9571, -24.8866

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.



200.1340, 23.5979, -8.8875



198.6230, -24.9571, 24.8866



188.9620, 24.1757, -54.3407

Square

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



198.6230, -24.9571, 24.8866



188.9210, -0.4541, -41.1497



194.2940, 27.4631, -35.3378



203.4420, 3.2331, 36.4464

Rectangle

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



198.6230, -24.9571, 24.8866



193.6400, -17.5705, -11.0853



194.2940, 27.4631, -35.3378



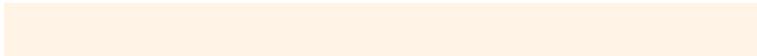
202.5770, 18.4495, 9.1410

Sweetspot

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



198.6230, -24.9571, 24.8866



245.6930, -7.7366, 8.1622



175.4970, 3.2060, 45.1681



122.0670, -4.9630, 5.2032



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.



198.6230, -24.9571, 24.8866



216.3870, -33.7148, 33.8636



216.4990, -33.7700, 4.8244



110.6970, -3.7946, 3.7737



114.5690, -56.4825, 56.5060



32.8590, -16.1995, 15.9097

Inverse Universe

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



176.3770, 24.9571, -24.8866



186.6130, 33.7148, -33.8636



158.5010, 33.7700, -4.8244



107.3030, 3.7946, -3.7737



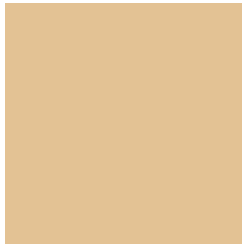
64.4310, 56.4825, -56.5060



18.1410, 16.1995, -15.9097

Previews

White Background



This preview shows how the YUV color 198.6230, -24.9571, 24.8866 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 198.6230, -24.9571, 24.8866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

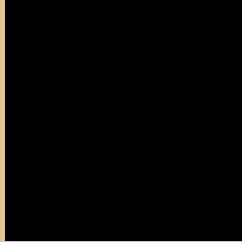
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.6230, -24.9571, 24.8866

Background



This preview shows how black text looks on a background with the YUV color 198.6230, -24.9571, 24.8866.



This preview shows how white text looks on a background with the YUV color 198.6230, -24.9571, 24.8866.

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

198.6230, -24.9571, 24.8866

Protanopia

197.6000, -23.4668, 13.5058

Deuteranopia

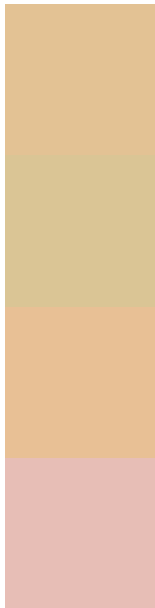
199.3680, -24.8314, 31.2493



Tritanopia

202.3500, -0.6655, 26.8801

Trichromacy



Original Color

198.6230, -24.9571, 24.8866

Protanomaly

197.8070, -24.0619, 17.7093

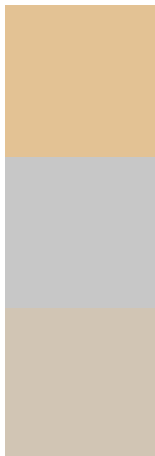
Deuteranomaly

199.0580, -24.6786, 28.8901

Tritanomaly

201.3470, -9.5381, 26.0057

Monochromacy



Original Color

198.6230, -24.9571, 24.8866

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.6500, -9.1945, 9.0769

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.6230, -24.9571, 24.8866 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(227, 194, 148)` looks like.

```
.text, #text, p{  
    color:rgb(227, 194, 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(227, 194, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 194, 148) }
```

Border

The CSS property to change the border of an element to YUV 198.6230, -24.9571, 24.8866 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(227, 194, 148) }
```


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

```
.border{ border-color:rgb(227, 194, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 194, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 194, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 194, 148); box-shadow:4px 4px 4px 4px rgb(227, 194, 148) }
```

Background

The CSS property to change the background color of an element to YUV 198.6230, -24.9571, 24.8866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 194, 148) }
```

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

```
.background{ background-color: rgb(227,  
194, 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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