

Converting Colors

YUV(198.8080, -32.4433,
-0.7086)

Have a look what the booklet for
YUV(198.8080, -32.4433, -0.7086)
contains.

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Color

**YUV(198.8080, -32.4433,
-0.7086)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D485
RGB	198, 212, 133
RGB Percent	78%, 83%, 52%
CMY	0.2235, 0.1686, 0.4784
CMYK	0.07, 0.00, 0.37, 0.17
HSL	71°, 48%, 68%
HSV	71°, 37%, 83%
XYZ	51.0658, 60.7862, 31.2318
YIQ	198.8080, 17.0150, -27.5370

Conversions

Conversions Part 2

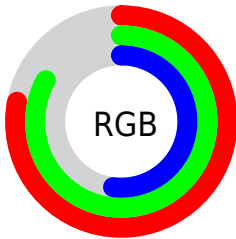
Format	Color
RYB	133, 212, 147
Decimal	13030533
CIELab	82.26, -17.08, 37.52
CIElCh	82, 41.224, 114.469
Yxy	60.7862, 0.3569, 0.4248
Android (android.graphics.Color)	4291220613 (0xFFC6D485)
YUV	198.8080, -32.4433, -0.7086
Hunter-Lab	77.9655, -19.5257, 30.8252

Details

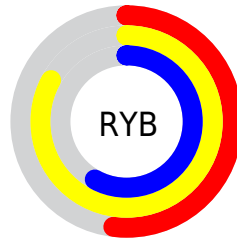
The YUV color $198.8080, -32.4433, -0.7086$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $146.1920, 32.4433, 0.7086$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.2480, -29.7023, 6.7985$, and $144.2640, -30.6962, -1.1085$ is the 20% darker color. If you saturate the color by 10%, you get $195.2180, -41.0265, -1.0682$, and if you desaturate by 10%, it is $202.3980, -23.8602, -0.3490$.

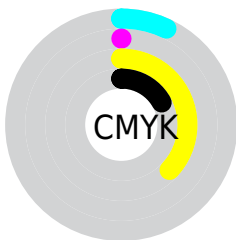
Distribution



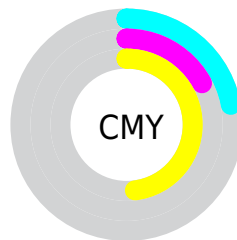
- Red (78%)
- Green (83%)
- Blue (52%)



- Red (52%)
- Yellow (83%)
- Blue (58%)



- Cyan (7%)
- Magenta (0%)
- Yellow (37%)
- Black (17%)



- Cyan (22%)
- Magenta (17%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.8080, -32.4433, -0.7086 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 198.8080, -32.4433, -0.7086 by changing the saturation by 10% instead.

■ 198.8080,
-32.4433, -0.7086

■ 198.8080,
-32.4433, -0.7086

255.0000, 0.0000,
0.0000

■ 171.0360,
-31.5697, -0.9086

■ 247.2480,
-29.7023, 6.7985

■ 144.2640,
-30.6962, -1.1085

■ 250.4400,
-17.4719, 3.9991

■ 118.3780,
-30.2594, -1.2085

■ 253.7460, -4.8048,
1.0998

■ 93.1930, -29.6751,
-1.9233

■ 68.6660, -30.4013,
-2.3381

■ 47.4900, -23.4126,
-3.9377

■ 27.1010, -13.3608,

-7.9816

■ 8.8050, -4.3409,
-7.7220

■ 0.0000, 0.0000,
0.0000

■ 198.8080,
-32.4433, -0.7086

■ 198.8080,
-32.4433, -0.7086

■ 195.2180,
-41.0265, -1.0682

■ 202.3980,
-23.8602, -0.3490

■ 191.6280,
-49.6096, -1.4278

■ 205.9880,
-15.2771, 0.0105

■ 188.2230,
-58.7769, -1.0726

■ 209.3930, -6.1097,
-0.3447

■ 184.6330,
-67.3601, -1.4321

■ 212.9830, 2.4734,
0.0149

■ 181.0430,
-75.9432, -1.7917

■ 216.5730, 11.0565,
0.3745

■ 177.4530,
-84.5263, -2.1513

■ 219.5930, 17.4557,
1.2339

■ 176.4700,
-86.9997, -2.1662

■ 220.4900, 17.0134,
3.0783

■ 221.6860, 16.4238,
5.5374

■ 222.8820, 15.8342,
7.9965

Harmonies

Analogous

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



202.7410, -37.3403, 30.0451



198.8080, -32.4433, -0.7086



193.4860, -17.4946, -35.5062

Triad

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



198.8080, -32.4433, -0.7086



180.6350, 36.6619, -92.6419



203.2520, 4.8058, 45.3830

Complementary

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



198.8080, -32.4433, -0.7086



146.1920, 32.4433, 0.7086

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.



210.3610, 19.5420, 32.1324



198.8080, -32.4433, -0.7086



194.1890, 29.9798, -49.2778

Square

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



198.8080, -32.4433, -0.7086



176.2070, 28.9849, -103.6675



204.2100, 25.0395, -4.5692



200.0940, -12.3713, 48.1526

Rectangle

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



198.8080, -32.4433, -0.7086



188.2300, -2.5784, -59.8377



204.2100, 25.0395, -4.5692



205.9080, 9.9054, 43.0537

Sweetspot

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



198.8080, -32.4433, -0.7086



250.3130, -11.4933, -0.2745



164.2520, -15.4072, 41.8750



125.1650, -6.9833, -0.1447



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.



198.8080, -32.4433, -0.7086



235.9100, -47.2836, -0.7981



187.1470, -26.6945, -24.6849



105.1480, -4.5100, -0.1298



142.5360, -70.2702, -1.3471



36.0050, -17.7505, -0.0044

Inverse Universe

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



146.1920, 32.4433, 0.7086



159.3890, 47.1362, 1.4128



157.8530, 26.6945, 24.6849



97.8520, 4.5100, 0.1298



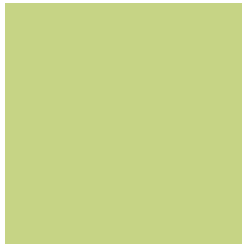
28.4640, 70.2702, 1.3471



7.2940, 17.6031, 0.6192

Previews

White Background



This preview shows how the YUV color 198.8080, -32.4433, -0.7086 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 198.8080, -32.4433, -0.7086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

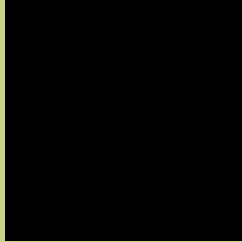
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.8080, -32.4433, -0.7086

Background



This preview shows how black text looks on a background with the YUV color 198.8080, -32.4433, -0.7086.



This preview shows how white text looks on a background with the YUV color 198.8080, -32.4433, -0.7086.

-0.7086.

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

198.8080, -32.4433, -0.7086

Protanopia

201.2450, -35.1238, 19.0791

Deuteranopia

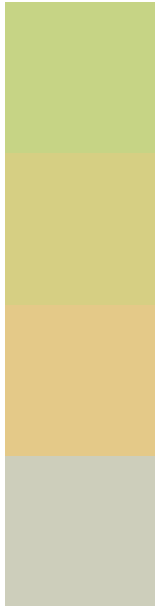
203.3380, -32.7046, 36.5376



Tritanopia

205.9170, 5.9569, 2.7038

Trichromacy



Original Color

198.8080, -32.4433, -0.7086

Protanomaly

200.4290, -34.2285, 11.9018

Deuteranomaly

201.6630, -32.3719, 23.0975

Tritanomaly

203.5350, -8.1518, 1.2848

Monochromacy



Original Color

198.8080, -32.4433, -0.7086

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.1990, -11.9301, -0.1745

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.8080, -32.4433, -0.7086 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(198, 212, 133)` looks like.

```
.text, #text, p{  
    color:rgb(198, 212, 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(198, 212, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 212, 133) }
```

Border

The CSS property to change the border of an element to YUV 198.8080, -32.4433, -0.7086 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(198, 212, 133) }
```


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

```
.border{ border-color:rgb(198, 212, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 212, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 212, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 212, 133);  
box-shadow:4px 4px 4px 4px rgb(198, 212,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 198.8080, -32.4433, -0.7086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 212, 133) }
```

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

```
.background{ background-color: rgb(198,  
212, 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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