

Converting Colors

YUV(198.3740, -13.9884,
6.6880)

Have a look what the booklet for
YUV(198.3740, -13.9884, 6.6880)
contains.

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Color

**YUV(198.3740, -13.9884,
6.6880)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC8AA
RGB	206, 200, 170
RGB Percent	81%, 78%, 67%
CMY	0.1922, 0.2157, 0.3333
CMYK	0.00, 0.03, 0.17, 0.19
HSL	50°, 27%, 74%
HSV	50°, 17%, 81%
XYZ	53.3636, 57.3326, 46.2840
YIQ	198.3740, 13.2060, -8.0580

Conversions

Conversions Part 2

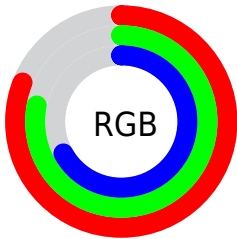
Format	Color
RYB	177, 206, 170
Decimal	13551786
CIELab	80.37, -2.89, 15.77
CIELCh	80, 16.033, 100.383
Yxy	57.3326, 0.3399, 0.3652
Android (android.graphics.Color)	4291741866 (0xFFCEC8AA)
YUV	198.3740, -13.9884, 6.6880
Hunter-Lab	75.7183, -6.7066, 16.7609

Details

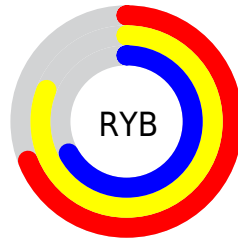
The YUV color **198.3740, -13.9884, 6.6880** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **177.6260, 13.9884, -6.6880**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.5800, -13.1039, 2.9993**, and **144.3030, -12.9674, 5.8733** is the 20% darker color. If you saturate the color by 10%, you get **194.2190, -22.2930, 10.3319**, and if you desaturate by 10%, it is **202.5290, -5.6838, 3.0441**.

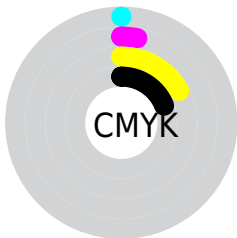
Distribution



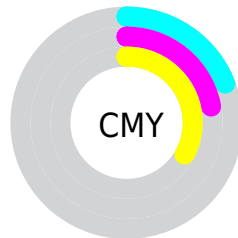
- Red (81%)
- Green (78%)
- Blue (67%)



- Red (69%)
- Yellow (81%)
- Blue (67%)



- Cyan (0%)
- Magenta (3%)
- Yellow (17%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.3740, -13.9884, 6.6880 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 198.3740, -13.9884, 6.6880 by changing the saturation by 10% instead.

■ 198.3740,
-13.9884, 6.6880

■ 198.3740,
-13.9884, 6.6880

255.0000, 0.0000,
0.0000

■ 171.0750,
-13.8410, 6.0732

■ 251.5800,
-13.1039, 2.9993

■ 144.3030,
-12.9674, 5.8733

254.8860, -0.4368,
0.1000

■ 118.4170,
-12.5306, 5.7733

■ 94.1180, -12.3832,
5.1585

■ 70.3460, -11.5096,
4.9586

■ 48.1610, -10.9254,
4.2438

■ 26.5910, -13.1094,

4.7437

■ 1.7610, -0.8682,
-1.5444

■ 0.0000, 0.0000,
0.0000

■ 198.3740,
-13.9884, 6.6880

■ 198.3740,
-13.9884, 6.6880

■ 194.2190,
-22.2930, 10.3319

■ 202.5290, -5.6838,
3.0441

■ 189.5910,
-29.8714, 14.3907

■ 207.1570, 1.8946,
-1.0147

■ 185.4360,
-38.1759, 18.0346

■ 211.3120, 10.1992,
-4.6586

■ 180.8080,
-45.7543, 22.0934

■ 215.9400, 17.7776,
-8.7174

■ 176.6530,
-54.0589, 25.7373

■ 218.0430, 18.2198,
-10.5617

■ 171.9110,
-62.0741, 29.8961

■ 220.3910, 17.0622,
-12.6209

■ 167.8700,
-69.9419, 33.4400

■ 222.1520, 16.1941,
-14.1653

■ 163.7150,
-78.2465, 37.0839

■ 223.9130, 15.3259,
-15.7097

■ 162.5580,
-80.1411, 38.0986

■ 226.2610, 14.1683,
-17.7689

Harmonies

Analogous

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



200.1520, -13.8789, 18.2837



198.3740, -13.9884, 6.6880



196.3230, -10.0192, -6.4223

Triad

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



198.3740, -13.9884, 6.6880



194.7990, 11.4381, -28.7647



202.4460, 3.7241, 18.9029

Complementary

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



198.3740, -13.9884, 6.6880



177.6260, 13.9884, -6.6880

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.



201.6770, 10.0192, 6.4223



198.3740, -13.9884, 6.6880



197.0540, 14.7634, -21.9724

Square

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



198.3740, -13.9884, 6.6880



193.7900, 5.0335, -27.8798



199.7290, 14.4306, -8.5323



202.2420, -3.5703, 25.2208

Rectangle

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



198.3740, -13.9884, 6.6880



195.7070, -5.7716, -15.5290



199.7290, 14.4306, -8.5323



201.9940, 5.9190, 14.9143

Sweetspot

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



198.3740, -13.9884, 6.6880



252.3440, -5.0996, 2.3293



181.4480, -2.6859, 21.5321



125.9140, -2.9156, 1.8294



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.



198.3740, -13.9884, 6.6880



243.5610, -20.9826, 10.0320



198.6070, -14.1033, -3.1633



99.6860, -3.7892, 2.0294



130.6400, -64.4055, 31.0107



30.1460, -14.8620, 6.8880

Inverse Universe

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



177.6260, 13.9884, -6.6880



212.4390, 20.9826, -10.0320



177.6920, 13.9558, 3.7781



94.3140, 3.7892, -2.0294



35.3600, 64.4055, -31.0107



7.8540, 14.8620, -6.8880

Previews

White Background



This preview shows how the YUV color 198.3740, -13.9884, 6.6880 looks on a white background.

Color Contrast Check

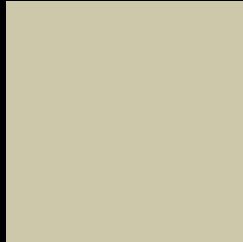
Large Text (above 18pt) WCAG AA × Fail

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 198.3740, -13.9884, 6.6880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

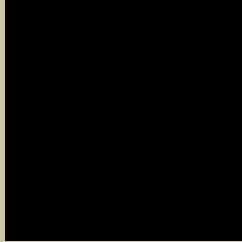
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

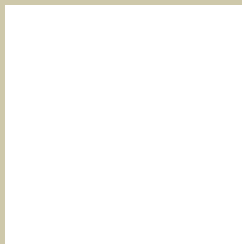
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 198.3740, -13.9884, 6.6880

Background



This preview shows how black text looks on a background with the YUV color 198.3740, -13.9884, 6.6880.



This preview shows how white text looks on a background with the YUV color 198.3740, -13.9884, 6.6880.

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

198.3740, -13.9884, 6.6880

Protanopia

198.8690, -14.7254, 9.7619

Deuteranopia

200.4840, -14.0426, 24.1315



Tritanopia

200.9070, 4.4828, 8.8516

Trichromacy



Original Color

198.3740, -13.9884, 6.6880

Protanomaly

198.5700, -14.5780, 9.1471

Deuteranomaly

199.7390, -14.1683, 17.7689

Tritanomaly

199.7730, -2.3531, 8.0921

Monochromacy



Original Color

198.3740, -13.9884, 6.6880

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.3440, -5.0996, 2.3293

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.3740, -13.9884, 6.6880 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(206, 200, 170)` looks like.

```
.text, #text, p{  
    color:rgb(206, 200, 170)  
}
```

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(206, 200, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 200, 170) }
```

Border

The CSS property to change the border of an element to YUV 198.3740, -13.9884, 6.6880 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(206, 200, 170) }
```


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

```
.border{ border-color:rgb(206, 200, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 200, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 200, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 200, 170);  
box-shadow:4px 4px 4px 4px rgb(206, 200,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 198.3740, -13.9884, 6.6880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 200, 170) }
```

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

```
.background{ background-color: rgb(206,  
200, 170) }
```

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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