

Converting Colors

YUV(198.5400, -12.5912,
-21.5216)

Have a look what the booklet for
YUV(198.5400, -12.5912, -21.5216)
contains.

YUV(198.5400, -12.5912, -21.5216)	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(198.5400, -12.5912,
-21.5216)**

Conversions

Conversions Part 1

Format	Color
Hex	AED8AD
RGB	174, 216, 173
RGB Percent	68%, 85%, 68%
CMY	0.3176, 0.1529, 0.3216
CMYK	0.19, 0.00, 0.20, 0.15
HSL	119°, 36%, 76%
HSV	119°, 20%, 85%
XYZ	49.5543, 61.1275, 48.7222
YIQ	198.5400, -11.2290, -22.2770

Conversions

Conversions Part 2

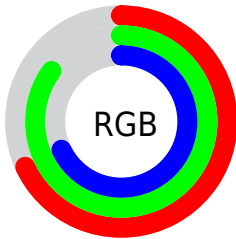
Format	Color
RYB	173, 216, 215
Decimal	11458733
CIELab	82.45, -21.92, 16.76
CIElCh	82, 27.592, 142.592
Yxy	61.1275, 0.3109, 0.3835
Android (android.graphics.Color)	4289648813 (0xFFAED8AD)
YUV	198.5400, -12.5912, -21.5216
Hunter-Lab	78.1841, -23.6862, 17.7810

Details

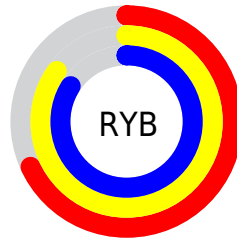
The YUV color **198.5400, -12.5912, -21.5216** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **190.4600, 12.5912, 21.5216**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.5610, -7.6716, -12.7700**, and **144.4800, -11.5756, -20.5920** is the 20% darker color. If you saturate the color by 10%, you get **189.7530, -19.1052, -32.2324**, and if you desaturate by 10%, it is **207.3270, -6.0772, -10.8108**.

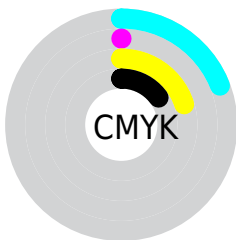
Distribution



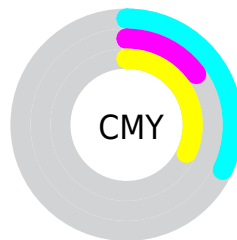
- Red (68%)
- Green (85%)
- Blue (68%)



- Red (68%)
- Yellow (85%)
- Blue (84%)



- Cyan (19%)
- Magenta (0%)
- Yellow (20%)
- Black (15%)



- Cyan (32%)
- Magenta (15%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.5400, -12.5912, -21.5216 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 198.5400, -12.5912, -21.5216 by changing the saturation by 10% instead.

■ 198.5400,
-12.5912, -21.5216

■ 198.5400,
-12.5912, -21.5216

255.0000, 0.0000,
0.0000

■ 170.9530,
-12.3018, -21.0068

■ 244.5610, -7.6716,
-12.7700

■ 144.4800,
-11.5756, -20.5920

■ 118.8930,
-11.2862, -20.0772

■ 93.4200, -10.5601,
-19.6623

■ 69.5340, -10.1233,
-19.7623

■ 46.1750, -8.9603,
-19.4475

■ 24.1320, -10.4181,

-18.5328

■ 9.3920, -4.6303,
-8.2368

■ 0.0000, 0.0000,
0.0000

■ 198.5400,
-12.5912, -21.5216

■ 198.5400,
-12.5912, -21.5216

■ 189.7530,
-19.1052, -32.2324

■ 207.3270, -6.0772,
-10.8108

■ 181.0800,
-25.1824, -43.0432

■ 216.0000, 0.0000,
0.0000

■ 172.2930,
-31.6964, -53.7540

■ 224.7870, 6.5140,
10.7108

■ 163.6200,
-37.7737, -64.5647

■ 232.1070, 11.2862,
20.0772

■ 154.8330,
-44.2877, -75.2755

■ 145.7470,
-50.6543, -86.6011

■ 137.0740,
-56.7315, -97.4119

■ 128.2870,
-63.2455, -108.1227

Harmonies

Analogous

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



202.1640, -22.2659, 1.6102



198.5400, -12.5912, -21.5216



195.0780, 1.4405, -42.1644

Triad

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



198.5400, -12.5912, -21.5216



201.0880, 26.5786, -31.6492



207.2180, -10.4605, 41.9048

Complementary

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



198.5400, -12.5912, -21.5216



190.4600, 12.5912, 21.5216

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.



209.6980, 1.6279, 37.9759



198.5400, -12.5912, -21.5216



206.9280, 22.7135, -5.1989

Square

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



198.5400, -12.5912, -21.5216



195.6850, 24.3123, -51.4667



209.0900, 13.7596, 20.0921



206.8510, -20.6325, 37.8417

Rectangle

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



198.5400, -12.5912, -21.5216



193.7160, 10.4930, -52.3709



209.0900, 13.7596, 20.0921



208.2440, -6.5293, 41.0050

Sweetspot

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



198.5400, -12.5912, -21.5216



248.8050, -4.3409, -7.7220



210.5110, -18.4929, 4.8139



124.2830, -2.6045, -4.6332



0.0000, 0.0000, 0.0000



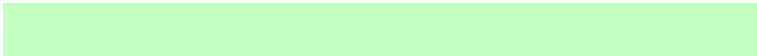
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



198.5400, -12.5912, -21.5216



230.1060, -17.8003, -30.7880



200.5210, -3.7079, -24.1359



102.7560, -3.3307, -5.0480



101.5730, -50.0755, -85.5715



25.5400, -12.5912, -21.5216

Inverse Universe

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



190.4600, 12.5912, 21.5216



218.8940, 17.8003, 30.7880



188.4790, 3.7079, 24.1359



100.5430, 3.1833, 5.6628



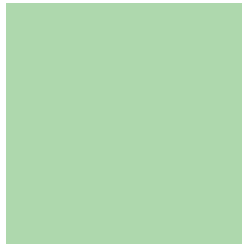
69.4270, 50.0755, 85.5715



17.4600, 12.5912, 21.5216

Previews

White Background



This preview shows how the YUV color 198.5400, -12.5912, -21.5216 looks on a white background.

Color Contrast Check

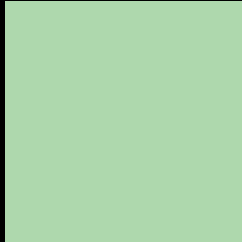
Large Text (above 18pt) WCAG AA × Fail

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 198.5400, -12.5912, -21.5216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

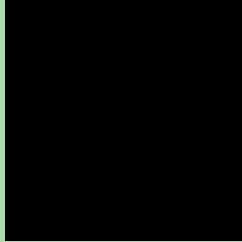
Any Text WCAG AA ✓ Pass

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 198.5400, -12.5912, -21.5216 Background



This preview shows how black text looks on a background with the YUV color 198.5400, -12.5912, -21.5216.



This preview shows how white text looks on a background with the YUV color 198.5400, -12.5912, -21.5216.

-21.5216.

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**

198.5400, -12.5912, -21.5216

Protanopia

203.6690, -18.0778, 11.6913

Deuteranopia

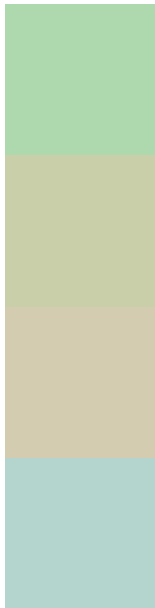
205.7830, -14.1900, 24.7463



Tritanopia

203.0500, 10.8214, -17.5838

Trichromacy



Original Color

198.5400, -12.5912, -21.5216

Protanomaly

201.4610, -16.0033, -0.4043

Deuteranomaly

203.2000, -13.4096, 7.7176

Tritanomaly

201.7480, 2.0962, -19.0730

Monochromacy



Original Color

198.5400, -12.5912, -21.5216

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.8050, -4.3409, -7.7220

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.5400, -12.5912, -21.5216 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(174, 216, 173)` looks like.

```
.text, #text, p{  
    color:rgb(174, 216, 173)  
}
```

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(174, 216, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 216, 173) }
```

Border

The CSS property to change the border of an element to YUV 198.5400, -12.5912, -21.5216 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(174, 216, 173) }
```


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

```
.border{ border-color:rgb(174, 216, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 216, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 216, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 216, 173);  
box-shadow:4px 4px 4px 4px rgb(174, 216,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 198.5400, -12.5912, -21.5216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 216, 173) }
```

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

```
.background{ background-color: rgb(174,  
216, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor