

Converting Colors

YUV(198.9700, -18.2262,
-34.1767)

Have a look what the booklet for
YUV(198.9700, -18.2262, -34.1767)
contains.

YUV(198.9700, -18.2262, -34.1767)	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(198.9700, -18.2262,
-34.1767)**

Conversions

Conversions Part 1

Format	Color
Hex	A0E2A2
RGB	160, 226, 162
RGB Percent	63%, 89%, 64%
CMY	0.3725, 0.1137, 0.3647
CMYK	0.29, 0.00, 0.28, 0.11
HSL	122°, 53%, 76%
HSV	122°, 29%, 89%
XYZ	48.2151, 64.4749, 44.0861
YIQ	198.9700, -18.7920, -33.8960

Conversions

Conversions Part 2

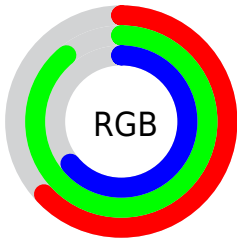
Format	Color
RYB	160, 224, 226
Decimal	10543778
CIELab	84.21, -33.18, 24.82
CIElCh	84, 41.439, 143.205
Yxy	64.4749, 0.3075, 0.4113
Android (android.graphics.Color)	4288733858 (0xFFA0E2A2)
YUV	198.9700, -18.2262, -34.1767
Hunter-Lab	80.2963, -33.3354, 23.6546

Details

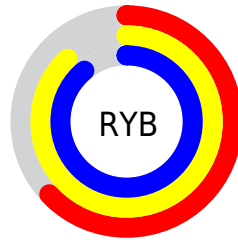
The YUV color **198.9700, -18.2262, -34.1767** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **187.0300, 18.2262, 34.1767**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.0070, -10.8495, -20.1771**, and **144.0240, -16.7738, -33.3470** is the 20% darker color. If you saturate the color by 10%, you get **189.5850, -24.4454, -46.1170**, and if you desaturate by 10%, it is **208.3550, -12.0070, -22.2363**.

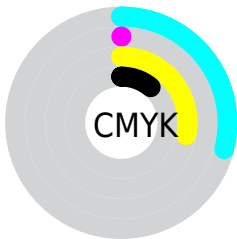
Distribution



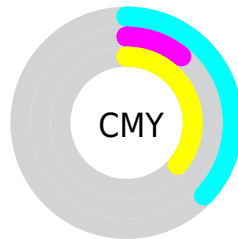
- Red (63%)
- Green (89%)
- Blue (64%)



- Red (63%)
- Yellow (88%)
- Blue (89%)



- Cyan (29%)
- Magenta (0%)
- Yellow (28%)
- Black (11%)



- Cyan (37%)
- Magenta (11%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.9700, -18.2262, -34.1767 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 198.9700, -18.2262, -34.1767 by changing the saturation by 10% instead.

■ 198.9700,
-18.2262, -34.1767

■ 198.9700,
-18.2262, -34.1767

255.0000, 0.0000,
0.0000

■ 171.4970,
-17.5000, -33.7619

■ 239.0070,
-10.8495, -20.1771

■ 144.0240,
-16.7738, -33.3470

■ 250.9840, -2.4571,
-5.2480

■ 118.1380,
-16.3370, -33.4470

■ 92.3660, -15.4634,
-33.6470

■ 66.5230, -13.5688,
-34.6617

■ 41.7400, -12.6898,
-36.6060

■ 26.4150, -13.0226,

-23.1660

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 198.9700,
-18.2262, -34.1767

■ 198.9700,
-18.2262, -34.1767

■ 189.5850,
-24.4454, -46.1170

■ 208.3550,
-12.0070, -22.2363

■ 180.4990,
-30.8120, -57.4426

■ 217.4410, -5.6404,
-10.9108

■ 171.1140,
-37.0312, -69.3830

■ 226.8260, 0.5788,
1.0296

■ 162.0280,
-43.3978, -80.7086

■ 235.9120, 6.9454,
12.3552

■ 152.6430,
-49.6170, -92.6489

■ 237.9770, 8.3923,
14.9292

■ 143.3720,
-55.3994, -104.6892

■ 134.2860,
-61.7660, -116.0148

■ 133.4600,
-62.3448, -117.0444

Harmonies

Analogous

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



204.2920, -33.1750, 0.6209



198.9700, -18.2262, -34.1767



191.5860, 4.1481, -70.6739

Triad

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



198.9700, -18.2262, -34.1767



198.3090, 27.9487, -51.1370



203.7130, -11.1975, 44.9787

Complementary

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



198.9700, -18.2262, -34.1767



187.0300, 18.2262, 34.1767

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.



207.6860, 6.5638, 41.4944



198.9700, -18.2262, -34.1767



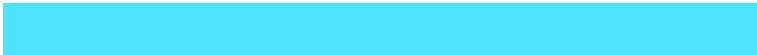
208.6290, 22.8609, -5.8136

Square

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



198.9700, -18.2262, -34.1767



185.3530, 34.3360, -93.2716



215.0620, 19.6894, 31.5176



205.3480, -27.7796, 43.5448

Rectangle

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



198.9700, -18.2262, -34.1767



185.0960, 20.6587, -93.0462



215.0620, 19.6894, 31.5176



204.0210, -4.9404, 44.7086

Sweetspot

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



198.9700, -18.2262, -34.1767



245.6150, -6.2192, -11.9404



218.1770, -28.6813, 5.9838



121.9190, -3.9041, -7.8220



0.0000, 0.0000, 0.0000



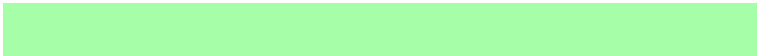
128.0000, 0.0000, 0.0000

Same Dimension

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



198.9700, -18.2262, -34.1767



218.4710, -24.8822, -46.0171



202.6180, -4.2487, -37.3760



107.4570, -3.1833, -5.6628



103.8820, -48.7488, -91.1045



28.2900, -13.4540, -24.8103

Inverse Universe

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



187.0300, 18.2262, 34.1767



202.4150, 24.4454, 46.1170



183.3820, 4.2487, 37.3760



105.5430, 3.1833, 5.6628



72.1180, 48.7488, 91.1045



19.7100, 13.4540, 24.8103

Previews

White Background



This preview shows how the YUV color 198.9700, -18.2262, -34.1767 looks on a white background.

Color Contrast Check

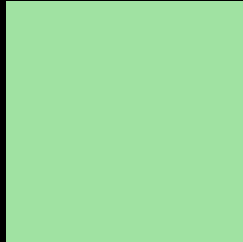
Large Text (above 18pt) WCAG AA × Fail

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 198.9700, -18.2262, -34.1767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

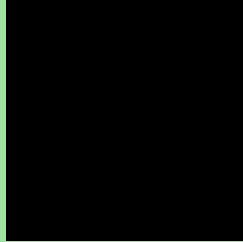
Any Text WCAG AA ✓ Pass

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 198.9700, -18.2262, -34.1767 Background



This preview shows how black text looks on a background with the YUV color 198.9700, -18.2262, -34.1767.



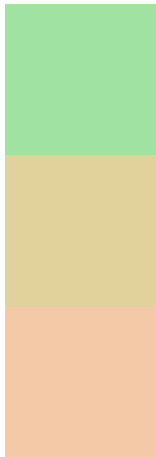
This preview shows how white text looks on a background with the YUV color 198.9700, -18.2262, -34.1767.

-34.1767.

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

198.9700, -18.2262, -34.1767

Protanopia

207.5140, -26.3824, 15.3352

Deuteranopia

209.9810, -21.1896, 29.8347



Tritanopia

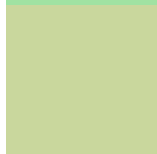
205.7820, 13.9115, -28.7498

Trichromacy



Original Color

198.9700, -18.2262, -34.1767



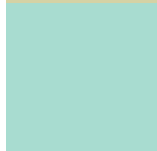
Protanomaly

204.2020, -23.2706, -2.8082



Deuteranomaly

205.7670, -20.0981, 6.3433



Tritanomaly

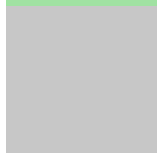
203.0840, 2.4236, -30.7687

Monochromacy



Original Color

198.9700, -18.2262, -34.1767



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

199.2020, -6.5086, -12.4552

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.9700, -18.2262, -34.1767 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(160, 226, 162)` looks like.

```
.text, #text, p{  
    color:rgb(160, 226, 162)  
}
```

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(160, 226, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 226, 162) }
```

Border

The CSS property to change the border of an element to YUV 198.9700, -18.2262, -34.1767 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(160, 226, 162) }
```


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

```
.border{ border-color:rgb(160, 226, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 226, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 226, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 226, 162);  
box-shadow:4px 4px 4px 4px rgb(160, 226,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 198.9700, -18.2262, -34.1767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 226, 162) }
```

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

```
.background{ background-color: rgb(160,  
226, 162) }
```

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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