

Converting Colors

YUV(198.1280, -34.5731,
-17.6523)

Have a look what the booklet for
YUV(198.1280, -34.5731, -17.6523)
contains.

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Color

**YUV(198.1280, -34.5731,
-17.6523)**

Conversions

Conversions Part 1

Format	Color
Hex	B2DE80
RGB	178, 222, 128
RGB Percent	70%, 87%, 50%
CMY	0.3020, 0.1294, 0.4980
CMYK	0.20, 0.00, 0.42, 0.13
HSL	88°, 59%, 69%
HSV	88°, 42%, 87%
XYZ	48.3777, 63.2660, 30.0839
YIQ	198.1280, 3.9500, -38.5620

Conversions

Conversions Part 2

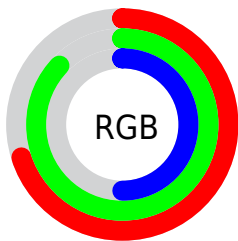
Format	Color
RYB	128, 222, 172
Decimal	11722368
CIELab	83.58, -30.02, 41.43
CIElCh	84, 51.163, 125.926
Yxy	63.2660, 0.3413, 0.4464
Android (android.graphics.Color)	4289912448 (0xFFB2DE80)
YUV	198.1280, -34.5731, -17.6523
Hunter-Lab	79.5400, -30.6280, 33.2531

Details

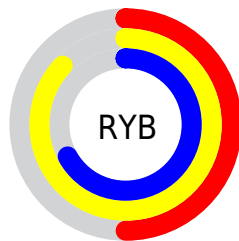
The YUV color **198.1280, -34.5731, -17.6523** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **151.8720, 34.5731, 17.6523**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6980, -28.9381, -4.9971**, and **143.5840, -32.8259, -18.0522** is the 20% darker color. If you saturate the color by 10%, you get **192.6300, -42.7086, -21.6005**, and if you desaturate by 10%, it is **203.6260, -26.4376, -13.7040**.

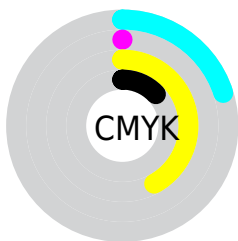
Distribution



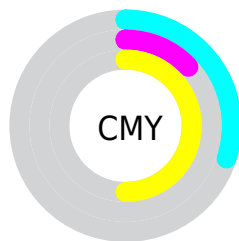
- Red (70%)
- Green (87%)
- Blue (50%)



- Red (50%)
- Yellow (87%)
- Blue (67%)



- Cyan (20%)
- Magenta (0%)
- Yellow (42%)
- Black (13%)



- Cyan (30%)
- Magenta (13%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.1280, -34.5731, -17.6523 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 198.1280, -34.5731, -17.6523 by changing the saturation by 10% instead.

■ 198.1280,
-34.5731, -17.6523

■ 198.1280,
-34.5731, -17.6523

255.0000, 0.0000,
0.0000

■ 170.3560,
-33.6995, -17.8522

■ 240.6980,
-28.9381, -4.9971

■ 143.5840,
-32.8259, -18.0522

■ 249.8700,
-19.6559, 4.4990

■ 117.1110,
-32.0997, -17.6373

■ 253.1760, -6.9888,
1.5996

■ 91.1110, -32.0997,
-17.6373

■ 66.5840, -32.8259,
-18.0522

■ 45.0210, -22.1954,
-21.0664

■ 25.2410, -12.4438,

-22.1364

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,
0.0000

■ 198.1280,
-34.5731, -17.6523

■ 198.1280,
-34.5731, -17.6523

■ 192.6300,
-42.7086, -21.6005

■ 203.6260,
-26.4376, -13.7040

■ 186.8330,
-50.6967, -26.1635

■ 209.4230,
-18.4495, -9.1410

■ 181.2210,
-59.2690, -30.0118

■ 215.0350, -9.8773,
-5.2927

■ 175.4240,
-67.2570, -34.5748

■ 220.8320, -1.8892,
-0.7297

■ 169.9260,
-75.3925, -38.5231

■ 226.3300, 6.2463,
3.2186

■ 165.5960,
-81.6388, -41.7417

■ 231.1440, 11.7610,
7.7667

■ 234.4330, 10.1395,
14.5293

■ 235.6290, 9.5499,
16.9884

Harmonies

Analogous

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



203.6940, -46.1911, 22.1934



198.1280, -34.5731, -17.6523



188.7320, -10.7139, -63.7860

Triad

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



198.1280, -34.5731, -17.6523



160.5580, 46.5599, -140.8094



198.2480, 0.8637, 49.7715

Complementary

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



198.1280, -34.5731, -17.6523



151.8720, 34.5731, 17.6523

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.



207.9430, 20.2411, 41.2690



198.1280, -34.5731, -17.6523



196.8910, 28.6477, -42.0004

Square

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



198.1280, -34.5731, -17.6523



165.2540, 44.2448, -144.9278



209.3480, 22.5064, 14.6038



197.1130, -21.2547, 50.7669

Rectangle

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



198.1280, -34.5731, -17.6523



176.0160, 11.8241, -106.1310



209.3480, 22.5064, 14.6038



200.7730, 7.9999, 47.5571

Sweetspot

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



198.1280, -34.5731, -17.6523



246.4540, -12.0558, -6.5372



181.9340, -26.5895, 35.1379



122.6160, -7.6987, -4.0482



0.0000, 0.0000, 0.0000



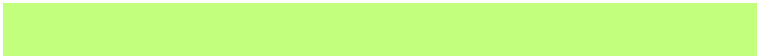
128.0000, 0.0000, 0.0000

Same Dimension

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



198.1280, -34.5731, -17.6523



221.9410, -47.7919, -24.5043



184.0750, -27.6450, -46.5468



109.2510, -4.0677, -1.9741



131.4180, -64.7891, -32.8156



35.9500, -17.7233, -8.7261

Inverse Universe

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



151.8720, 34.5731, 17.6523



158.0590, 47.7919, 24.5043



165.9250, 27.6450, 46.5468



103.7490, 4.0677, 1.9741



44.5820, 64.7891, 32.8156



12.3490, 17.5759, 9.3409

Previews

White Background



This preview shows how the YUV color 198.1280, -34.5731, -17.6523 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 198.1280, -34.5731, -17.6523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

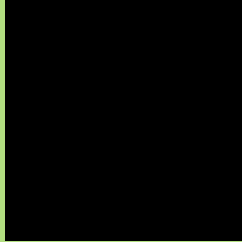
Any Text WCAG AA ✓ Pass

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 198.1280, -34.5731, -17.6523 Background



This preview shows how black text looks on a background with the YUV color 198.1280, -34.5731, -17.6523.



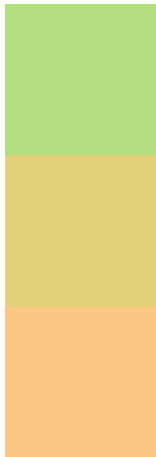
This preview shows how white text looks on a background with the YUV color 198.1280, -34.5731, -17.6523.

-17.6523.

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

198.1280, -34.5731, -17.6523

Protanopia

203.9910, -39.9286, 20.1789

Deuteranopia

206.7250, -36.3464, 37.9522



Tritanopia

206.5560, 10.0789, -12.7656

Trichromacy



Original Color

198.1280, -34.5731, -17.6523

Protanomaly

201.7720, -37.8486, 6.3390

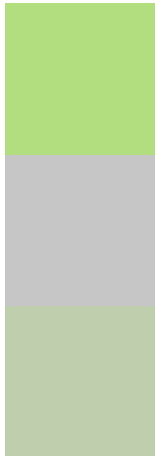
Deuteranomaly

203.4190, -35.7026, 18.0495

Tritanomaly

203.3050, -6.0664, -14.2995

Monochromacy



Original Color

198.1280, -34.5731, -17.6523

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.3400, -12.4926, -6.4372

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.1280, -34.5731, -17.6523 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(178, 222, 128)` looks like.

```
.text, #text, p{  
    color:rgb(178, 222, 128)  
}
```

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(178, 222, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 222, 128) }
```

Border

The CSS property to change the border of an element to YUV 198.1280, -34.5731, -17.6523 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(178, 222, 128) }
```


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

```
.border{ border-color:rgb(178, 222, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 222, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 222, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 222, 128);  
box-shadow:4px 4px 4px 4px rgb(178, 222,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 198.1280, -34.5731, -17.6523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 222, 128) }
```

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

```
.background{ background-color: rgb(178,  
222, 128) }
```

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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