

Converting Colors

YUV(198.7340, 13.4421,
-18.1837)

Have a look what the booklet for
YUV(198.7340, 13.4421, -18.1837)
contains.

YUV(198.7340, 13.4421, -18.1837)	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(198.7340, 13.4421,
-18.1837)**

Conversions

Conversions Part 1

Format	Color
Hex	B2CCE2
RGB	178, 204, 226
RGB Percent	70%, 80%, 89%
CMY	0.3020, 0.2000, 0.1137
CMYK	0.21, 0.10, 0.00, 0.11
HSL	207°, 45%, 79%
HSV	207°, 21%, 89%
XYZ	53.6804, 58.1417, 80.3447
YIQ	198.7340, -22.5580, 1.3300

Conversions

Conversions Part 2

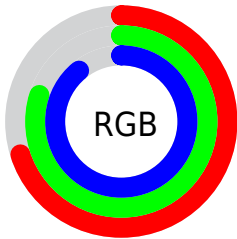
Format	Color
R_{YB}	178, 195, 226
Decimal	11717858
CIE Lab	80.82, -4.02, -13.80
CIE LCh	81, 14.376, 253.764
Yxy	58.1417, 0.2793, 0.3026
Android (android.graphics.Color)	4289907938 (0xFFB2CCE2)
YUV	198.7340, 13.4421, -18.1837
Hunter-Lab	76.2507, -7.7749, -9.0979

Details

The YUV color **198.7340, 13.4421, -18.1837** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **205.2660, -13.4421, 18.1837**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.7210, 3.0955, -12.9103**, and **144.9190, 12.8579, -17.4690** is the 20% darker color. If you saturate the color by 10%, you get **185.9870, 19.7264, -27.1756**, and if you desaturate by 10%, it is **211.4810, 7.1579, -9.1918**.

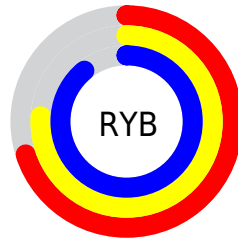
Distribution



Red (70%)

Green (80%)

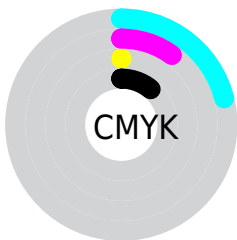
Blue (89%)



Red (70%)

Yellow (76%)

Blue (89%)

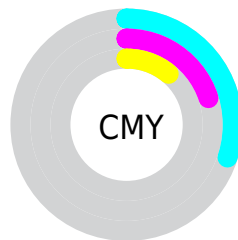


Cyan (21%)

Magenta (10%)

Yellow (0%)

Black (11%)



Cyan (30%)

Magenta (20%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.7340, 13.4421, -18.1837 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 198.7340, 13.4421, -18.1837 by changing the saturation by 10% instead.

■ 198.7340, 13.4421,
-18.1837

■ 198.7340, 13.4421,
-18.1837

255.0000, 0.0000,
0.0000

■ 171.6200, 13.0053,
-18.0837

■ 248.7210, 3.0955,
-12.9103

■ 144.9190, 12.8579,
-17.4690

■ 118.8050, 12.4211,
-17.3690

■ 93.6910, 11.9843,
-17.2690

■ 69.6910, 11.9843,
-17.2690

■ 47.1640, 11.2581,
-17.6838

■ 24.8540, 11.4110,

-20.0430

■ 7.1870, 9.7678,
-6.3030

■ 0.0000, 0.0000,
0.0000

■ 198.7340, 13.4421,
-18.1837

■ 198.7340, 13.4421,
-18.1837

■ 185.9870, 19.7264,
-27.1756

■ 211.4810, 7.1579,
-9.1918

■ 172.9520, 26.1527,
-35.0379

■ 224.5160, 0.7316,
-1.3295

■ 160.2050, 32.4369,
-44.0298

■ 237.2630, -5.5527,
7.6623

■ 147.7570, 38.5738,
-52.4069

■ 245.8240, -9.7732,
8.0474

■ 134.4230, 45.1475,
-60.8840

■ 251.6940,
-12.6671, 2.8994

■ 121.6760, 51.4317,
-69.8759

■ 108.6410, 57.8580,
-77.7382

■ 97.3780, 63.4106,
-85.4005

Harmonies

Analogous

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



196.7070, 10.9904, -25.1760



198.7340, 13.4421, -18.1837



201.2840, 12.6780, -6.3881

Triad

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



198.7340, 13.4421, -18.1837



203.4050, -4.1437, 22.4468



198.0670, -8.4140, -7.9518

Complementary

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



198.7340, 13.4421, -18.1837



205.2660, -13.4421, 18.1837

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.



199.8190, -12.2358, 4.5437



198.7340, 13.4421, -18.1837



202.0260, -9.3798, 21.9022

Square

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



198.7340, 13.4421, -18.1837



203.3920, 2.2717, 18.0732



201.0700, -12.8525, 15.7246



196.7220, -1.8349, -18.1732

Rectangle

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



198.7340, 13.4421, -18.1837



202.3560, 10.1775, 2.3188



201.0700, -12.8525, 15.7246



198.3450, -10.0301, -2.9336

Sweetspot

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



198.7340, 13.4421, -18.1837



246.4060, 4.2368, -5.6181



208.6840, -4.2812, -26.9099



122.3740, 2.7736, -2.9590



0.0000, 0.0000, 0.0000



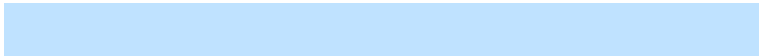
128.0000, 0.0000, 0.0000

Same Dimension

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



198.7340, 13.4421, -18.1837



218.8410, 17.8264, -24.4166



184.6460, 20.3875, -5.8285



105.7760, 3.0684, -4.1886



75.8290, 49.3843, -66.5020



20.7340, 13.4421, -18.1837

Inverse Universe

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



195.3160, 4.2812, 26.9099



214.1260, 5.8539, 35.8465



219.3540, -20.3875, 5.8285



104.9730, 0.9993, 6.1627



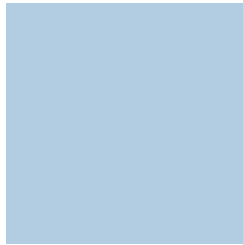
63.4540, 15.5522, 98.7028



17.3160, 4.2812, 26.9099

Previews

White Background



This preview shows how the YUV color 198.7340, 13.4421, -18.1837 looks on a white background.

Color Contrast Check

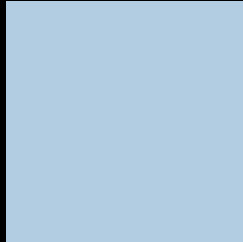
Large Text (above 18pt) WCAG AA × Fail

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 198.7340, 13.4421, -18.1837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

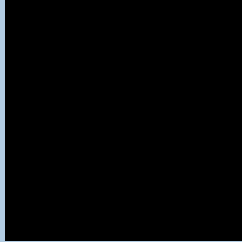
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

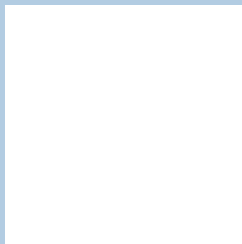
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 198.7340, 13.4421, -18.1837

Background



This preview shows how black text looks on a background with the YUV color 198.7340, 13.4421, -18.1837.



This preview shows how white text looks on a background with the YUV color 198.7340, 13.4421, -18.1837.

-18.1837.

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

198.7340, 13.4421, -18.1837

Protanopia

201.1380, 10.7780, -3.6290

Deuteranopia

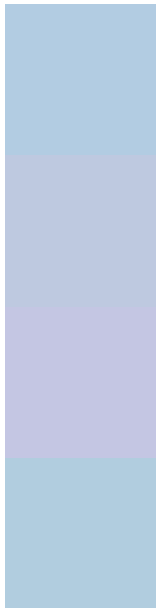
202.3500, 12.6455, 4.0781



Tritanopia

198.4520, 11.1162, -18.8134

Trichromacy



Original Color

198.7340, 13.4421, -18.1837

Protanomaly

200.3330, 11.6678, -9.0620

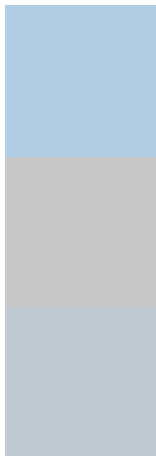
Deuteranomaly

200.7080, 12.9620, -4.1289

Tritanomaly

198.6800, 11.9898, -19.0134

Monochromacy



Original Color

198.7340, 13.4421, -18.1837

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.9220, 4.9685, -6.9476

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.7340, 13.4421, -18.1837 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, 204, 226)` looks like.

```
.text, #text, p{  
    color:rgb(178, 204, 226)  
}
```

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, 204, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 204, 226) }
```

Border

The CSS property to change the border of an element to YUV 198.7340, 13.4421, -18.1837 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, 204, 226) }
```


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

```
.border{ border-color:rgb(178, 204, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 204, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 204, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 204, 226);  
box-shadow:4px 4px 4px 4px rgb(178, 204,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 198.7340, 13.4421, -18.1837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 204, 226) }
```

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

```
.background{ background-color: rgb(178,  
204, 226) }
```

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