

Converting Colors

YUV(198.8590, 13.8735,
-16.5393)

Have a look what the booklet for
YUV(198.8590, 13.8735, -16.5393)
contains.

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Color

**YUV(198.8590, 13.8735,
-16.5393)**

Conversions

Conversions Part 1

Format	Color
Hex	B4CBE3
RGB	180, 203, 227
RGB Percent	71%, 80%, 89%
CMY	0.2941, 0.2039, 0.1098
CMYK	0.21, 0.11, 0.00, 0.11
HSL	211°, 46%, 80%
HSV	211°, 21%, 89%
XYZ	54.0435, 57.9612, 81.0123
YIQ	198.8590, -21.4120, 2.5880

Conversions

Conversions Part 2

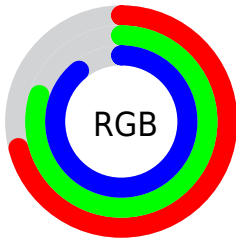
Format	Color
R_{YB}	180, 195, 227
Decimal	11848675
CIE _{Lab}	80.72, -2.66, -14.47
CIE _{LCh}	81, 14.717, 259.596
Yxy	57.9612, 0.2800, 0.3003
Android (android.graphics.Color)	4290038755 (0xFFB4CBE3)
YUV	198.8590, 13.8735, -16.5393
Hunter-Lab	76.1323, -6.5210, -9.7979

Details

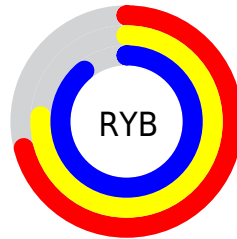
The YUV color **198.8590, 13.8735, -16.5393** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **208.1410, -13.8735, 16.5393**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.3190, 2.8007, -11.6808**, and **145.0440, 13.2893, -15.8246** is the 20% darker color. If you saturate the color by 10%, you get **184.9380, 20.7366, -24.5016**, and if you desaturate by 10%, it is **212.7800, 7.0105, -8.5771**.

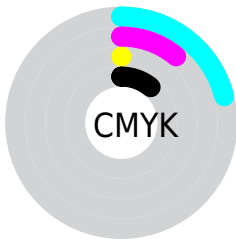
Distribution



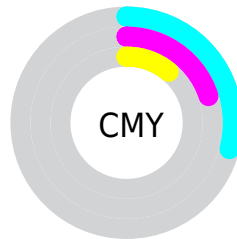
- Red (71%)
- Green (80%)
- Blue (89%)



- Red (71%)
- Yellow (76%)
- Blue (89%)



- Cyan (21%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.8590, 13.8735, -16.5393 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 198.8590, 13.8735, -16.5393 by changing the saturation by 10% instead.

■ 198.8590, 13.8735,
-16.5393

■ 198.8590, 13.8735,
-16.5393

255.0000, 0.0000,
0.0000

■ 171.7450, 13.4367,
-16.4394

■ 249.3190, 2.8007,
-11.6808

■ 145.0440, 13.2893,
-15.8246

■ 118.9300, 12.8525,
-15.7246

■ 93.8160, 12.4157,
-15.6246

■ 70.4030, 12.1263,
-16.1394

■ 47.2890, 11.6895,
-16.0395

■ 24.8650, 11.4056,

-18.2986

■ 6.7140, 10.4940,
-5.8882

■ 0.0000, 0.0000,
0.0000

■ 198.8590, 13.8735,
-16.5393

■ 198.8590, 13.8735,
-16.5393

■ 184.9380, 20.7366,
-24.5016

■ 212.7800, 7.0105,
-8.5771

■ 171.9030, 27.1628,
-32.3639

■ 225.8150, 0.5842,
-0.7148

■ 157.9820, 34.0259,
-40.3262

■ 239.7360, -6.2788,
7.2475

■ 144.6480, 40.5995,
-48.8033

■ 248.2860,
-10.4940, 5.8882

■ 131.0260, 47.3152,
-56.1508

■ 251.8080,
-12.2303, 2.7994

■ 117.1050, 54.1782,
-64.1131

■ 103.7710, 60.7519,
-72.5902

■ 91.0350, 67.0307,
-79.8377

Harmonies

Analogous

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



196.9350, 11.8640, -25.3760



198.8590, 13.8735, -16.5393



200.8930, 12.3778, -3.4142

Triad

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



198.8590, 13.8735, -16.5393



202.7750, -5.3121, 23.8763



197.2840, -7.5350, -9.8961

Complementary

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



198.8590, 13.8735, -16.5393



208.1410, -13.8735, 16.5393

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.



198.8080, -12.2303, 2.7994



198.8590, 13.8735, -16.5393



201.9720, -10.8322, 21.0726

Square

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



198.8590, 13.8735, -16.5393



203.1750, 1.3927, 20.0175



200.6460, -13.1365, 13.4655



195.7540, -0.3717, -20.8323

Rectangle

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



198.8590, 13.8735, -16.5393



202.2640, 9.7298, 5.9075



200.6460, -13.1365, 13.4655



197.8500, -9.2930, -6.0074

Sweetspot

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



198.8590, 13.8735, -16.5393



245.8190, 4.5262, -5.1033



210.3250, -3.1182, -26.5950



122.3740, 2.7736, -2.9590



0.0000, 0.0000, 0.0000



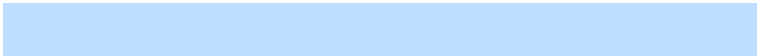
128.0000, 0.0000, 0.0000

Same Dimension

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



198.8590, 13.8735, -16.5393



216.4930, 18.9840, -22.3574



185.3580, 20.5295, -4.6990



107.8900, 3.5052, -4.2885



71.4750, 53.0098, -62.6836



20.4890, 15.0419, -17.9689

Inverse Universe

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



196.6750, 3.1182, 26.5950



213.6700, 4.1067, 36.2464



221.6420, -20.5295, 4.6990



107.2720, 0.8519, 6.7775



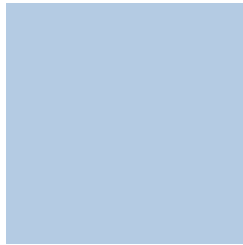
63.4390, 11.6156, 101.3470



18.0990, 3.4022, 28.8542

Previews

White Background



This preview shows how the YUV color 198.8590, 13.8735, -16.5393 looks on a white background.

Color Contrast Check

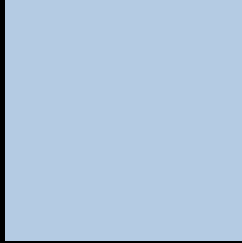
Large Text (above 18pt) WCAG AA × Fail

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 198.8590, 13.8735, -16.5393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

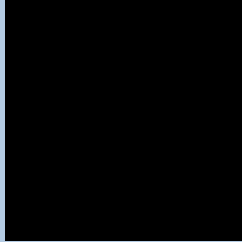
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

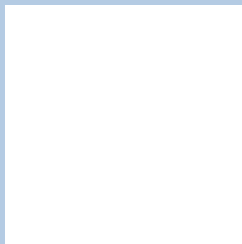
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 198.8590, 13.8735, -16.5393

Background



This preview shows how black text looks on a background with the YUV color 198.8590, 13.8735, -16.5393.



This preview shows how white text looks on a background with the YUV color 198.8590, 13.8735, -16.5393.

-16.5393.

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

198.8590, 13.8735, -16.5393

Protanopia

200.9530, 11.3622, -4.3438

Deuteranopia

202.1650, 13.2297, 3.3633



Tritanopia

198.3490, 10.6739, -16.9691

Trichromacy



Original Color

198.8590, 13.8735, -16.5393

Protanomaly

199.8600, 12.3940, -8.6472

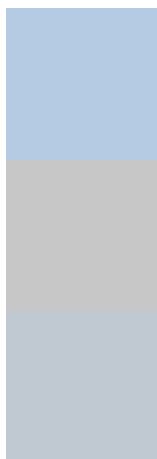
Deuteranomaly

201.1210, 13.2513, -3.6141

Tritanomaly

198.6910, 11.9843, -17.2690

Monochromacy



Original Color

198.8590, 13.8735, -16.5393

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.6340, 5.1104, -5.8180

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.8590, 13.8735, -16.5393 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(180, 203, 227)` looks like.

```
.text, #text, p{  
    color:rgb(180, 203, 227)  
}
```

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(180, 203, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 203, 227) }
```

Border

The CSS property to change the border of an element to YUV 198.8590, 13.8735, -16.5393 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(180, 203, 227) }
```


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

```
.border{ border-color:rgb(180, 203, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 203, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 203, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 203, 227);  
box-shadow:4px 4px 4px 4px rgb(180, 203,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 198.8590, 13.8735, -16.5393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 203, 227) }
```

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

```
.background{ background-color: rgb(180,  
203, 227) }
```

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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