

Converting Colors

YUV(198.0840, 5.8746,
-17.6137)

Have a look what the booklet for
YUV(198.0840, 5.8746, -17.6137)
contains.

YUV(198.0840, 5.8746, -17.6137)	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(198.0840, 5.8746,
-17.6137)**

Conversions

Conversions Part 1

Format	Color
Hex	B2CED2
RGB	178, 206, 210
RGB Percent	70%, 81%, 82%
CMY	0.3020, 0.1922, 0.1765
CMYK	0.15, 0.02, 0.00, 0.18
HSL	187°, 26%, 76%
HSV	187°, 15%, 82%
XYZ	52.0643, 58.2607, 69.4741
YIQ	198.0840, -17.9720, -4.6920

Conversions

Conversions Part 2

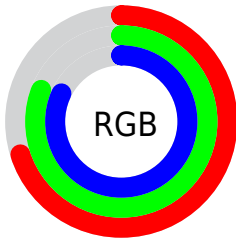
Format	Color
RYB	178, 193, 210
Decimal	11718354
CIELab	80.88, -8.49, -5.14
CIElCh	81, 9.928, 211.179
Yxy	58.2607, 0.2896, 0.3240
Android (android.graphics.Color)	4289908434 (0xFFB2CED2)
YUV	198.0840, 5.8746, -17.6137
Hunter-Lab	76.3287, -11.8194, -0.5354

Details

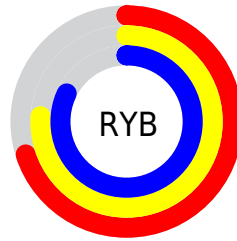
The YUV color $198.0840, 5.8746, -17.6137$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $189.9160, -5.8746, 17.6137$, and the grayscale version is $198.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.7210, 3.0955, -12.9103$, and $144.3830, 5.7272, -16.9989$ is the 20% darker color. If you saturate the color by 10%, you get $190.0440, 9.8383, -28.9796$, and if you desaturate by 10%, it is $206.1240, 1.9109, -6.2477$.

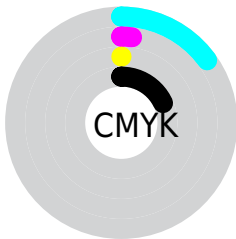
Distribution



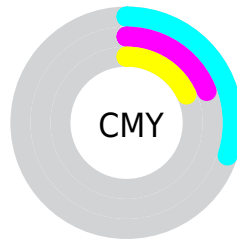
- Red (70%)
- Green (81%)
- Blue (82%)



- Red (70%)
- Yellow (76%)
- Blue (82%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (30%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.0840, 5.8746, -17.6137 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 198.0840, 5.8746, -17.6137 by changing the saturation by 10% instead.

■ 198.0840, 5.8746,
-17.6137

■ 198.0840, 5.8746,
-17.6137

255.0000, 0.0000,
0.0000

■ 170.3830, 5.7272,
-16.9989

■ 248.7210, 3.0955,
-12.9103

■ 144.3830, 5.7272,
-16.9989

■ 118.6820, 5.5798,
-16.3841

■ 93.5680, 5.1430,
-16.2841

■ 69.8670, 4.9956,
-15.6694

■ 46.8670, 4.9956,
-15.6694

■ 25.5680, 5.1430,

-16.2841

■ 5.8190, 4.5262,
-5.1033

■ 0.0000, 0.0000,
0.0000

■ 198.0840, 5.8746,
-17.6137

■ 198.0840, 5.8746,
-17.6137

■ 190.0440, 9.8383,
-28.9796

■ 206.1240, 1.9109,
-6.2477

■ 182.5910, 13.5126,
-40.8603

■ 213.5770, -1.7635,
5.6330

■ 174.5510, 17.4764,
-52.2262

■ 221.6170, -5.7272,
16.9989

■ 167.0980, 21.1507,
-64.1069

■ 226.9770, -8.3697,
24.5762

■ 159.0580, 25.1144,
-75.4729

■ 228.7380, -9.2378,
23.0318

■ 151.0180, 29.0781,
-86.8388

■ 230.4990,
-10.1060, 21.4874

■ 143.5650, 32.7525,
-98.7195

■ 231.6730,
-10.6848, 20.4578

■ 135.5250, 36.7162,
-110.0854

■ 233.4340,
-11.5530, 18.9134

■ 131.9480, 38.4796,
-115.7184

■ 235.1950,
-12.4211, 17.3690

Harmonies

Analogous

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



197.6560, 1.6486, -15.4843



198.0840, 5.8746, -17.6137



198.9040, 8.9213, -14.8248

Triad

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



198.0840, 5.8746, -17.6137



202.9780, 3.4618, 9.6663



200.3400, -9.0416, 6.7178

Complementary

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



198.0840, 5.8746, -17.6137



189.9160, -5.8746, 17.6137

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.



201.6120, -8.1897, 13.4953



198.0840, 5.8746, -17.6137



203.1590, -1.0644, 14.7696

Square

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



198.0840, 5.8746, -17.6137



201.6610, 7.5621, 1.1743



202.4320, -5.1430, 16.2841



199.4530, -7.1253, -1.2743

Rectangle

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



198.0840, 5.8746, -17.6137



199.7520, 9.4893, -10.3065



202.4320, -5.1430, 16.2841



200.7640, -8.7577, 8.9770

Sweetspot

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



198.0840, 5.8746, -17.6137



249.9390, 2.4951, -6.9625



197.2400, -7.5133, -16.8735



125.0210, 1.4686, -4.4034



0.0000, 0.0000, 0.0000



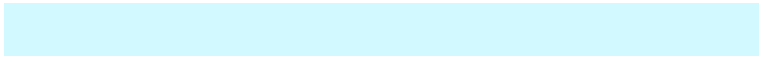
128.0000, 0.0000, 0.0000

Same Dimension

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



198.0840, 5.8746, -17.6137



237.7240, 8.5171, -25.1909



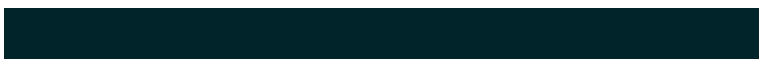
188.6920, 10.5048, -9.3769



100.5370, 2.2003, -5.7329



105.4410, 30.8416, -92.4718



25.8060, 7.4906, -22.6319

Inverse Universe

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



190.7600, 7.5133, 16.8735



227.3140, 10.6912, 24.2806



199.3080, -10.5048, 9.3769



98.3150, 2.3097, 5.8627



66.9900, 39.4449, 88.5858



16.3630, 9.6810, 21.6066

Previews

White Background



This preview shows how the YUV color 198.0840, 5.8746, -17.6137 looks on a white background.

Color Contrast Check

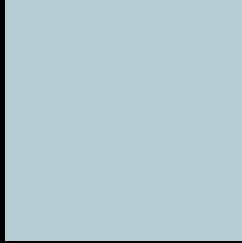
Large Text (above 18pt) WCAG AA × Fail

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 198.0840, 5.8746, -17.6137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

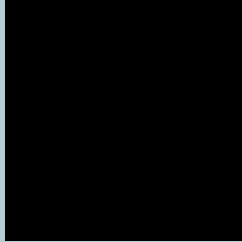
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.0840, 5.8746, -17.6137

Background



This preview shows how black text looks on a background with the YUV color 198.0840, 5.8746, -17.6137.



This preview shows how white text looks on a background with the YUV color 198.0840, 5.8746, -17.6137.

-17.6137.

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

198.0840, 5.8746, -17.6137

Protanopia

200.6950, 2.6154, 1.1445

Deuteranopia

202.6190, 4.6248, 9.9811



Tritanopia

198.7620, 10.9633, -16.4543

Trichromacy



Original Color

198.0840, 5.8746, -17.6137

Protanomaly

199.8790, 3.5107, -6.0329

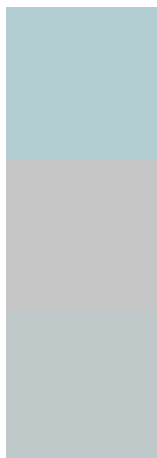
Deuteranomaly

200.9660, 4.9468, 0.0298

Tritanomaly

198.5940, 9.0742, -17.1839

Monochromacy



Original Color

198.0840, 5.8746, -17.6137

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.1240, 1.9109, -6.2477

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.0840, 5.8746, -17.6137 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, 206, 210)` looks like.

```
.text, #text, p{  
    color:rgb(178, 206, 210)  
}
```

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, 206, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 206, 210) }
```

Border

The CSS property to change the border of an element to YUV 198.0840, 5.8746, -17.6137 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, 206, 210) }
```


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

```
.border{ border-color:rgb(178, 206, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 206, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 206, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 206, 210);  
box-shadow:4px 4px 4px 4px rgb(178, 206,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 198.0840, 5.8746, -17.6137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 206, 210) }
```

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

```
.background{ background-color: rgb(178,  
206, 210) }
```

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