

Converting Colors

YUV(198.1660, 4.8482,
-15.0546)

Have a look what the booklet for
YUV(198.1660, 4.8482, -15.0546)
contains.

YUV(198.1660, 4.8482, -15.0546)	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(198.1660, 4.8482,
-15.0546)**

Conversions

Conversions Part 1

Format	Color
Hex	B5CDD0
RGB	181, 205, 208
RGB Percent	71%, 80%, 82%
CMY	0.2902, 0.1961, 0.1843
CMYK	0.13, 0.01, 0.00, 0.18
HSL	187°, 22%, 76%
HSV	187°, 13%, 82%
XYZ	52.2725, 58.0405, 68.1224
YIQ	198.1660, -15.2670, -4.1550

Conversions

Conversions Part 2

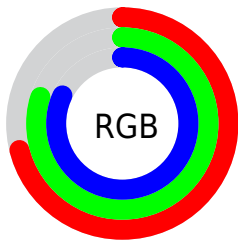
Format	Color
RYB	181, 194, 208
Decimal	11914704
CIELab	80.76, -7.42, -4.23
CIELCh	81, 8.542, 209.660
Yxy	58.0405, 0.2929, 0.3253
Android (android.graphics.Color)	4290104784 (0xFFB5CDD0)
YUV	198.1660, 4.8482, -15.0546
Hunter-Lab	76.1843, -10.8478, 0.3131

Details

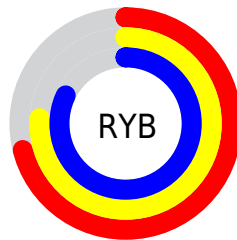
The YUV color **198.1660, 4.8482, -15.0546** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **190.8340, -4.8482, 15.0546**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.6180, 2.6533, -11.0660**, and **144.4650, 4.7008, -14.4398** is the 20% darker color. If you saturate the color by 10%, you get **190.7130, 8.5225, -26.9353**, and if you desaturate by 10%, it is **205.6190, 1.1738, -3.1739**.

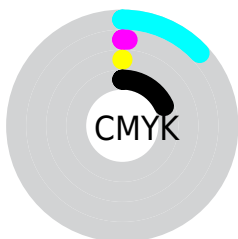
Distribution



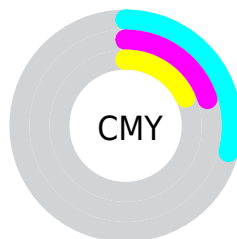
- Red (71%)
- Green (80%)
- Blue (82%)



- Red (71%)
- Yellow (76%)
- Blue (82%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



- Cyan (29%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.1660, 4.8482, -15.0546 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 198.1660, 4.8482, -15.0546 by changing the saturation by 10% instead.

■ 198.1660, 4.8482,
-15.0546

■ 198.1660, 4.8482,
-15.0546

255.0000, 0.0000,
0.0000

■ 171.0520, 4.4114,
-14.9546

■ 249.6180, 2.6533,
-11.0660

■ 144.4650, 4.7008,
-14.4398

■ 118.7640, 4.5533,
-13.8250

■ 93.7640, 4.5533,
-13.8250

■ 70.0630, 4.4059,
-13.2103

■ 47.3620, 4.2585,
-12.5955

■ 26.0630, 4.4059,

-13.2103

■ 5.0040, 3.9420,
-4.3885

■ 0.0000, 0.0000,
0.0000

■ 198.1660, 4.8482,
-15.0546

■ 198.1660, 4.8482,
-15.0546

■ 190.7130, 8.5225,
-26.9353

■ 205.6190, 1.1738,
-3.1739

■ 182.6730, 12.4862,
-38.3012

■ 213.6590, -2.7899,
8.1921

■ 175.5190, 16.0131,
-49.5672

■ 220.8130, -6.3168,
19.4580

■ 168.0660, 19.6875,
-61.4479

■ 225.5750, -8.6645,
25.8057

■ 160.0260, 23.6512,
-72.8138

■ 227.3360, -9.5326,
24.2613

■ 152.5730, 27.3255,
-84.6945

■ 228.5100,
-10.1114, 23.2317

■ 145.1200, 30.9998,
-96.5752

■ 229.6840,
-10.6902, 22.2021

■ 137.9660, 34.5268,
-107.8412

■ 230.8580,
-11.2690, 21.1725

■ 132.3070, 37.3166,
-116.0332

■ 232.6190,
-12.1372, 19.6281

Harmonies

Analogous

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



197.8520, 1.0590, -13.0252



198.1660, 4.8482, -15.0546



198.5730, 7.6055, -12.7805

Triad

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



198.1660, 4.8482, -15.0546



201.9670, 3.4673, 7.9219



200.3830, -7.5838, 5.8031

Complementary

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



198.1660, 4.8482, -15.0546



190.8340, -4.8482, 15.0546

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.



201.2420, -7.0213, 12.0658



198.1660, 4.8482, -15.0546



202.2620, -0.6222, 12.9252

Square

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



198.1660, 4.8482, -15.0546



201.0200, 6.3991, 0.8595



202.2360, -4.5533, 13.8250



199.0940, -5.9623, -0.9594

Rectangle

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



198.1660, 4.8482, -15.0546



199.7090, 8.0315, -9.3918



202.2360, -4.5533, 13.8250



200.6930, -7.7366, 8.1622

Sweetspot

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



198.1660, 4.8482, -15.0546



251.4230, 1.7635, -5.6330



197.1910, -6.5032, -14.1995



125.3200, 1.3212, -3.7886



0.0000, 0.0000, 0.0000



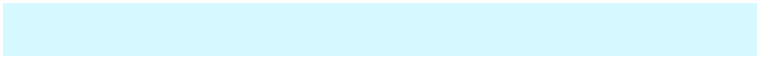
128.0000, 0.0000, 0.0000

Same Dimension

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



198.1660, 4.8482, -15.0546



239.8060, 7.4906, -22.6319



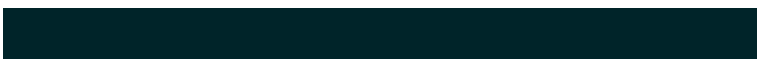
190.5350, 8.6102, -8.3622



100.5370, 2.2003, -5.7329



107.2020, 29.9734, -94.0162



25.8060, 7.4906, -22.6319

Inverse Universe

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



191.8090, 6.5032, 14.1995



230.3630, 9.6810, 21.6066



198.4650, -8.6102, 8.3622



98.3150, 2.3097, 5.8627



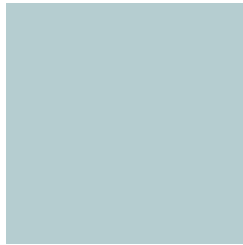
67.3320, 40.7553, 88.2858



16.3630, 9.6810, 21.6066

Previews

White Background



This preview shows how the YUV color 198.1660, 4.8482, -15.0546 looks on a white background.

Color Contrast Check

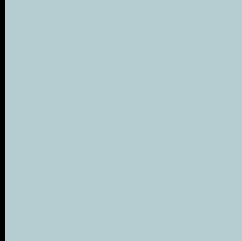
Large Text (above 18pt) WCAG AA × Fail

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 198.1660, 4.8482, -15.0546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

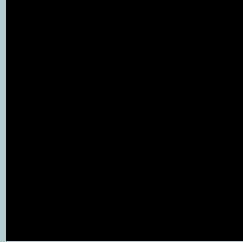
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.1660, 4.8482, -15.0546

Background



This preview shows how black text looks on a background with the YUV color 198.1660, 4.8482, -15.0546.



This preview shows how white text looks on a background with the YUV color 198.1660, 4.8482, -15.0546.

-15.0546.

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

198.1660, 4.8482, -15.0546

Protanopia

200.5810, 2.1786, 1.2445

Deuteranopia

202.1030, 3.8932, 11.3107



Tritanopia

198.8440, 9.9369, -13.8952

Trichromacy



Original Color

198.1660, 4.8482, -15.0546

Protanomaly

199.4770, 3.2158, -4.8033

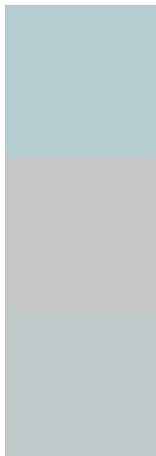
Deuteranomaly

200.7490, 4.0677, 1.9741

Tritanomaly

198.6760, 8.0477, -14.6249

Monochromacy



Original Color

198.1660, 4.8482, -15.0546

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.4230, 1.7635, -5.6330

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.1660, 4.8482, -15.0546 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(181, 205, 208)` looks like.

```
.text, #text, p{  
    color:rgb(181, 205, 208)  
}
```

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(181, 205, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 205, 208) }
```

Border

The CSS property to change the border of an element to YUV 198.1660, 4.8482, -15.0546 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(181, 205, 208) }
```


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

```
.border{ border-color:rgb(181, 205, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 205, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 205, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 205, 208);  
box-shadow:4px 4px 4px 4px rgb(181, 205,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 198.1660, 4.8482, -15.0546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 205, 208) }
```

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

```
.background{ background-color: rgb(181,  
205, 208) }
```

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