

Converting Colors

YUV(198.1860, -2.5567,
-66.8151)

Have a look what the booklet for
YUV(198.1860, -2.5567, -66.8151)
contains.

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Color

**YUV(198.1860, -2.5567,
-66.8151)**

Conversions

Conversions Part 1

Format	Color
Hex	7AEEC1
RGB	122, 238, 193
RGB Percent	48%, 93%, 76%
CMY	0.5216, 0.0667, 0.2431
CMYK	0.49, 0.00, 0.19, 0.07
HSL	157°, 77%, 71%
HSV	157°, 49%, 93%
XYZ	48.2262, 69.1369, 61.2550
YIQ	198.1860, -54.6910, -38.5870

Conversions

Conversions Part 2

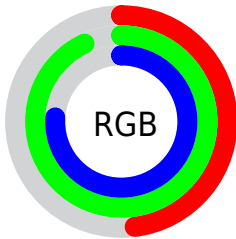
Format	Color
RYB	122, 194, 238
Decimal	8056513
CIELab	86.57, -43.32, 11.74
CIELCh	87, 44.887, 164.833
Yxy	69.1369, 0.2700, 0.3871
Android (android.graphics.Color)	4286246593 (0xFF7AEEC1)
YUV	198.1860, -2.5567, -66.8151
Hunter-Lab	83.1486, -41.9800, 14.5255

Details

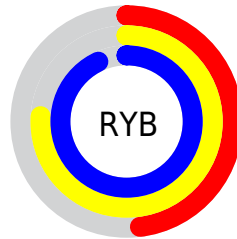
The YUV color **198.1860, -2.5567, -66.8151** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **161.8140, 2.5567, 66.8151**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.8910, 8.4347, -45.5084**, and **140.3320, -0.6567, -69.5742** is the 20% darker color. If you saturate the color by 10%, you get **189.9840, -2.9501, -80.6700**, and if you desaturate by 10%, it is **206.3880, -2.1633, -52.9603**.

Distribution



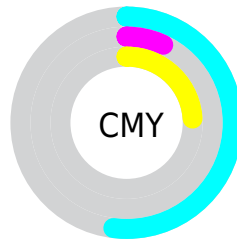
- Red (48%)
- Green (93%)
- Blue (76%)



- Red (48%)
- Yellow (76%)
- Blue (93%)



- Cyan (49%)
- Magenta (0%)
- Yellow (19%)
- Black (7%)





- Cyan (52%)
- Magenta (7%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.1860, -2.5567, -66.8151 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 198.1860, -2.5567, -66.8151 by changing the saturation by 10% instead.

 198.1860, -2.5567,
-66.8151

 198.1860, -2.5567,
-66.8151

255.0000, 0.0000,
0.0000


 169.1150, -1.5357,
-67.6299

 231.8910, 8.4347,
-45.5084


 140.3320, -0.6567,
-69.5742


 241.5450, 6.6333,
-27.6650

 109.3740, 2.2806,
-78.3810

 250.5150, 2.2111,
-9.2217

 84.6950, 2.1224,
-74.2775

 67.3980, -0.6892,
-59.1080

 50.2150, -3.0640,
-44.0386

 33.7330, -5.2914,

-29.5838

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 198.1860, -2.5567,
-66.8151

■ 198.1860, -2.5567,
-66.8151

■ 189.9840, -2.9501,
-80.6700

■ 206.3880, -2.1633,
-52.9603

■ 181.7820, -3.3435,
-94.5248

■ 214.5900, -1.7699,
-39.1054

■ 173.7650, -4.3211,
-107.6649

■ 222.6070, -0.7923,
-25.9653

■ 165.5630, -4.7146,
-121.5198

■ 230.8090, -0.3988,
-12.1105

■ 157.3610, -5.1080,
-135.3746

■ 239.0110, -0.0054,
1.7444

■ 156.3500, -5.1025,
-137.1189

■ 244.2230, 1.8621,
9.4514

■ 245.0210, 4.9196,
8.7516

Harmonies

Analogous

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



206.4780, -25.3787, -26.7292



198.1860, -2.5567, -66.8151



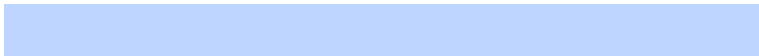
185.8380, 25.2229, -110.3599

Triad

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



198.1860, -2.5567, -66.8151



211.4980, 21.4465, -18.8537



207.0750, -23.7010, 42.0302

Complementary

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



198.1860, -2.5567, -66.8151



161.8140, 2.5567, 66.8151

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.



206.7110, -4.7875, 42.3495



198.1860, -2.5567, -66.8151



219.4480, 17.5271, 25.0401

Square

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



198.1860, -2.5567, -66.8151



197.3020, 28.4451, -70.4249



212.7870, 13.4160, 37.0208



213.1440, -38.5250, 36.7077

Rectangle

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



198.1860, -2.5567, -66.8151



178.3440, 37.7914, -128.3437



212.7870, 13.4160, 37.0208



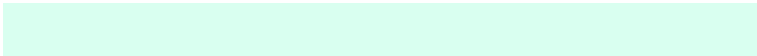
206.5680, -18.0280, 42.4749

Sweetspot

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



198.1860, -2.5567, -66.8151



241.9280, -0.9505, -21.8619



203.8460, -40.3501, -31.4369



120.0970, -0.5408, -13.2401



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.



198.1860, -2.5567, -66.8151



204.2500, -3.0812, -85.2883



196.2720, 20.5719, -65.1365



115.8420, -0.4151, -6.8774



120.7760, -4.3266, -105.9206



36.7480, -1.3548, -32.2280

Inverse Universe

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



161.8140, 2.5567, 66.8151



157.7500, 3.0813, 85.2883



163.7280, -20.5719, 65.1365



112.1580, 0.4151, 6.8774



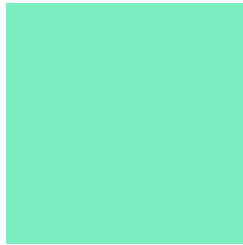
63.1100, 3.8898, 106.0205



19.2520, 1.3548, 32.2280

Previews

White Background



This preview shows how the YUV color 198.1860, -2.5567, -66.8151 looks on a white background.

Color Contrast Check

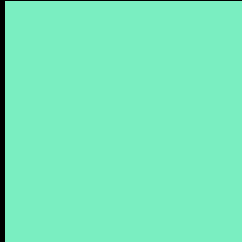
Large Text (above 18pt) WCAG AA × Fail

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 198.1860, -2.5567, -66.8151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

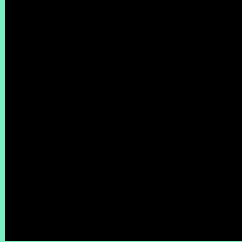
Any Text WCAG AA ✓ Pass

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 198.1860, -2.5567, -66.8151 Background



This preview shows how black text looks on a background with the YUV color 198.1860, -2.5567, -66.8151.



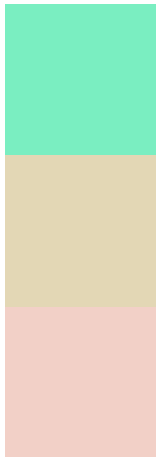
This preview shows how white text looks on a background with the YUV color 198.1860, -2.5567,

-66.8151.

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

198.1860, -2.5567, -66.8151

Protanopia

214.7120, -16.6200, 10.7766

Deuteranopia

217.1400, -8.9430, 21.8022



Tritanopia

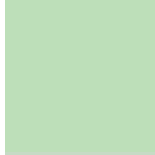
204.6580, 21.8606, -58.4591

Trichromacy



Original Color

198.1860, -2.5567, -66.8151



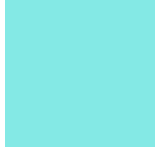
Protanomaly

208.5020, -11.5865, -17.1033



Deuteranomaly

210.2130, -6.5140, -10.7108



Tritanomaly

202.3450, 13.1409, -61.6926

Monochromacy



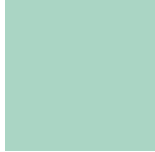
Original Color

198.1860, -2.5567, -66.8151



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

198.2050, -1.0871, -24.7358

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.1860, -2.5567, -66.8151 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(122, 238, 193)` looks like.

```
.text, #text, p{  
    color:rgb(122, 238, 193)  
}
```

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(122, 238, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 238, 193) }
```

Border

The CSS property to change the border of an element to YUV 198.1860, -2.5567, -66.8151 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(122, 238, 193) }
```


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

```
.border{ border-color:rgb(122, 238, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 238, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 238, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 238, 193); box-shadow:4px 4px 4px 4px rgb(122, 238, 193) }
```

Background

The CSS property to change the background color of an element to YUV 198.1860, -2.5567, -66.8151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 238, 193) }
```

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

```
.background{ background-color: rgb(122,  
238, 193) }
```

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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