

# Converting Colors

YUV(198.0460, 13.2883,  
-62.3073)

Have a look what the booklet for  
YUV(198.0460, 13.2883, -62.3073)  
contains.

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# Color

**YUV(198.0460, 13.2883,  
-62.3073)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FE5E1
RGB	127, 229, 225
RGB Percent	50%, 90%, 88%
CMY	0.5020, 0.1020, 0.1176
CMYK	0.45, 0.00, 0.02, 0.10
HSL	178°, 66%, 70%
HSV	178°, 45%, 90%
XYZ	50.3623, 65.9869, 81.3165
YIQ	198.0460, -59.5080, -22.8680

# Conversions

## Conversions Part 2

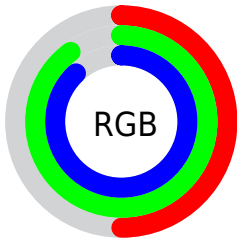
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 179, 229
Decimal	8381921
CIELab	84.99, -30.70, -7.34
CIElCh	85, 31.565, 193.437
Yxy	65.9869, 0.2548, 0.3338
Android (android.graphics.Color)	4286572001 (0xFF7FE5E1)
YUV	198.0460, 13.2883, -62.3073
Hunter-Lab	81.2323, -31.4903, -2.4888

# Details

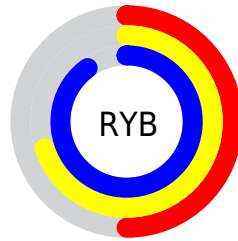
The YUV color **198.0460, 13.2883, -62.3073** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **157.9540, -13.2883, 62.3073**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.0700, 10.3185, -43.0344**, and **140.9640, 14.3147, -64.8664** is the 20% darker color. If you saturate the color by 10%, you get **191.0550, 16.2419, -76.3472**, and if you desaturate by 10%, it is **205.0370, 10.3348, -48.2674**.

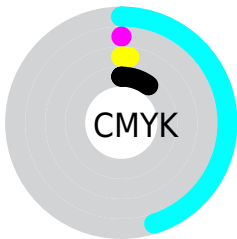
# Distribution



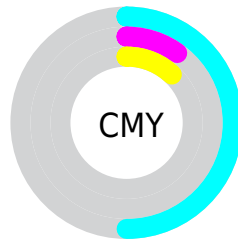
- Red (50%)
- Green (90%)
- Blue (88%)



- Red (50%)
- Yellow (70%)
- Blue (90%)



- Cyan (45%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (50%)
- Magenta (10%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 198.0460, 13.2883, -62.3073 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 198.0460, 13.2883, -62.3073 by changing the saturation by 10% instead.



198.0460, 13.2883,  
-62.3073

198.0460, 13.2883,  
-62.3073

255.0000, 0.0000,  
0.0000

169.7470, 13.4357,  
-62.9221

234.0700, 10.3185,  
-43.0344

140.9640, 14.3147,  
-64.8664

243.0400, 5.8963,  
-24.5911

111.2730, 15.6414,  
-70.3994

251.7110, 1.6215,  
-6.7625

83.8920, 16.8152,  
-73.5733

66.3670, 13.1301,  
-58.2039

49.6570, 10.0291,  
-43.5492

33.5340, 6.6387,

-29.4093

■ 18.9270, 3.9800,  
-16.5990

■ 0.0000, 0.0000,  
0.0000

■ 198.0460, 13.2883,  
-62.3073

■ 198.0460, 13.2883,  
-62.3073

■ 191.0550, 16.2419,  
-76.3472

■ 205.0370, 10.3348,  
-48.2674

■ 184.0640, 19.1954,  
-90.3871

■ 212.0280, 7.3812,  
-34.2276

■ 177.0730, 22.1490,  
-104.4270

■ 219.0190, 4.4276,  
-20.1877

■ 170.0820, 25.1026,  
-118.4669

■ 226.0100, 1.4741,  
-6.1478

■ 163.2050, 28.4929,  
-132.6068

■ 232.8870, -1.9163,  
7.9921

■ 159.5030, 29.8250,  
-139.8841

■ 236.8880, -3.3958,  
15.8842

■ 237.0020, -2.9590,  
15.7842

■ 237.1160, -2.5222,  
15.6843

■ 237.2300, -2.0854,  
15.5843

# Harmonies

## Analogous

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



201.6990, -3.7956, -42.7090



198.0460, 13.2883, -62.3073



198.7650, 26.2449, -64.6919

# Triad

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



198.0460, 13.2883, -62.3073



216.1370, 19.1595, 14.7889



212.5700, -27.8890, 31.9491

# Complementary

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



198.0460, 13.2883, -62.3073



157.9540, -13.2883, 62.3073

# 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.



211.0190, -18.7434, 38.5713



198.0460, 13.2883, -62.3073



215.1690, 7.3117, 34.9318

# Square

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



198.0460, 13.2883, -62.3073



210.3460, 22.0144, -14.3354



211.1620, -5.5029, 38.4459



209.5410, -27.3817, 9.1725

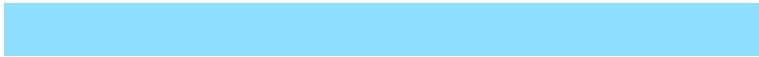


# Rectangle

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



198.0460, 13.2883, -62.3073



201.5430, 26.3543, -53.0962



211.1620, -5.5029, 38.4459



212.4720, -25.8687, 37.2971

# Sweetspot

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



198.0460, 13.2883, -62.3073



245.0190, 4.4276, -20.1877



188.3690, -30.2549, -49.4356



121.6070, 2.6587, -12.8103



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.



198.0460, 13.2883, -62.3073



214.0650, 17.7160, -82.4950



171.5000, 28.3475, -39.0265



111.2980, 1.3321, -7.2773



124.6810, 23.3283, -109.3452



35.5230, 6.6442, -31.1537



# Inverse Universe

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



157.9540, -13.2883, 62.3073



160.9350, -17.7160, 82.4950



184.5000, -28.3475, 39.0265



106.7020, -1.3321, 7.2773



54.3190, -23.3283, 109.3452



15.4770, -6.6442, 31.1537



# Previews

## White Background



This preview shows how the YUV color 198.0460, 13.2883, -62.3073 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

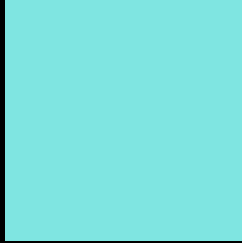
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 198.0460, 13.2883, -62.3073 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

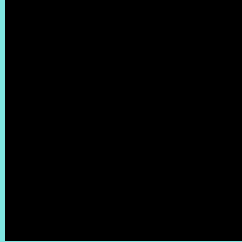
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 198.0460, 13.2883, -62.3073

## Background



This preview shows how black text looks on a background with the YUV color 198.0460, 13.2883, -62.3073.



This preview shows how white text looks on a background with the YUV color 198.0460, 13.2883, -62.3073.

-62.3073.

# 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

198.0460, 13.2883, -62.3073

### Protanopia

211.6520, 1.1576, 2.0592

### Deuteranopia

213.2320, 8.2666, 8.5665



## Tritanopia

200.2450, 21.5712, -58.9739

# Trichromacy



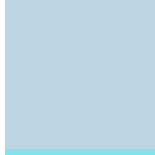
## Original Color

198.0460, 13.2883, -62.3073



## Protanomaly

206.6490, 5.5960, -21.6172



## Deuteranomaly

207.8220, 9.9478, -17.3839



## Tritanomaly

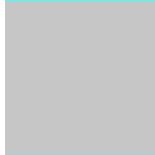
199.4360, 18.5191, -60.0184

# Monochromacy



## Original Color

198.0460, 13.2883, -62.3073



## Achromatopsia

198.0000, 0.0000, 0.0000



## Achromatomaly

197.8230, 5.0173, -22.6468

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 198.0460, 13.2883, -62.3073 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(127, 229, 225)` looks like.

```
.text, #text, p{  
    color:rgb(127, 229, 225)  
}
```

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(127, 229, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 229, 225) }
```

## Border

The CSS property to change the border of an element to YUV 198.0460, 13.2883, -62.3073 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(127, 229, 225) }
```



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

```
.border{ border-color:rgb(127, 229, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 229, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 229, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 229, 225);  
box-shadow:4px 4px 4px 4px rgb(127, 229,  
225) }
```

# Background

The CSS property to change the background color of an element to YUV 198.0460, 13.2883, -62.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 229, 225) }
```

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

```
.background{ background-color: rgb(127,  
229, 225) }
```

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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