

Converting Colors

YUV(197.8390, 13.8834,
-66.5108)

Have a look what the booklet for
YUV(197.8390, 13.8834, -66.5108)
contains.

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Color

**YUV(197.8390, 13.8834,
-66.5108)**

Conversions

Conversions Part 1

Format	Color
Hex	7AE7E2
RGB	122, 231, 226
RGB Percent	48%, 91%, 89%
CMY	0.5216, 0.0941, 0.1137
CMYK	0.47, 0.00, 0.02, 0.09
HSL	177°, 69%, 69%
HSV	177°, 47%, 91%
XYZ	50.3294, 66.7804, 82.1888
YIQ	197.8390, -63.3590, -24.6630

Conversions

Conversions Part 2

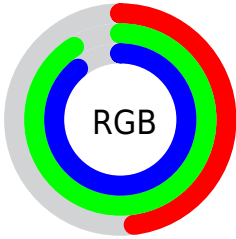
Format	Color
RYB	122, 178, 231
Decimal	8054754
CIELab	85.39, -32.53, -7.29
CIELCh	85, 33.333, 192.627
Yxy	66.7804, 0.2525, 0.3351
Android (android.graphics.Color)	4286244834 (0xFF7AE7E2)
YUV	197.8390, 13.8834, -66.5108
Hunter-Lab	81.7193, -33.0738, -2.4272

Details

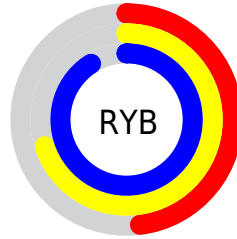
The YUV color **197.8390, 13.8834, -66.5108** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **155.1610, -13.8834, 66.5108**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.8740, 10.9081, -45.4935**, and **140.1590, 15.2046, -70.2994** is the 20% darker color. If you saturate the color by 10%, you get **190.8480, 16.8369, -80.5507**, and if you desaturate by 10%, it is **204.8300, 10.9298, -52.4709**.

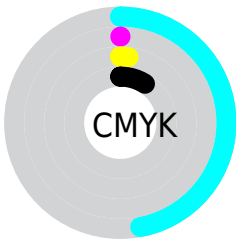
Distribution



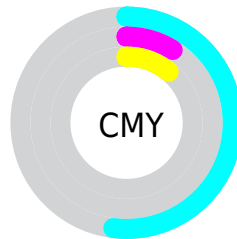
- Red (48%)
- Green (91%)
- Blue (89%)



- Red (48%)
- Yellow (70%)
- Blue (91%)



- Cyan (47%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



- Cyan (52%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.8390, 13.8834, -66.5108 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 197.8390, 13.8834, -66.5108 by changing the saturation by 10% instead.

197.8390, 13.8834,
-66.5108

197.8390, 13.8834,
-66.5108

255.0000, 0.0000,
0.0000

169.2410, 14.1782,
-67.7404

232.8740, 10.9081,
-45.4935

140.1590, 15.2046,
-70.2994

241.5450, 6.6333,
-27.6650

107.7770, 17.8579,
-81.3654

250.5150, 2.2111,
-9.2217

85.1800, 16.6733,
-74.7029

67.6550, 12.9881,
-59.3334

50.2440, 9.7397,
-44.0640

34.2350, 6.7861,

-30.0241

■ 19.5140, 3.6906,
-17.1138

■ 0.0000, 0.0000,
0.0000

■ 197.8390, 13.8834,
-66.5108

■ 197.8390, 13.8834,
-66.5108

■ 190.8480, 16.8369,
-80.5507

■ 204.8300, 10.9298,
-52.4709

■ 183.8570, 19.7905,
-94.5906

■ 211.8210, 7.9762,
-38.4310

■ 176.8660, 22.7441,
-108.6305

■ 218.8120, 5.0227,
-24.3911

■ 169.8750, 25.6976,
-122.6704

■ 225.8030, 2.0691,
-10.3512

■ 162.8840, 28.6512,
-136.7103

■ 233.0930, -1.0318,
4.3034

■ 160.6770, 29.2462,
-140.9137

■ 238.2900, -3.1010,
14.6547

■ 238.4040, -2.6642,
14.5547

■ 238.5180, -2.2274,
14.4547

■ 238.7460, -1.3538,
14.2548

Harmonies

Analogous

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



202.2750, -4.0796, -44.9682



197.8390, 13.8834, -66.5108



198.1880, 28.0083, -70.3249

Triad

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



197.8390, 13.8834, -66.5108



217.3220, 18.5753, 15.5036



213.2390, -29.2048, 33.9934

Complementary

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



197.8390, 13.8834, -66.5108



155.1610, -13.8834, 66.5108

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.



210.3180, -18.8908, 39.1861



197.8390, 13.8834, -66.5108



215.5110, 8.6221, 34.6319

Square

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



197.8390, 13.8834, -66.5108



210.9220, 21.7305, -16.5946



210.6890, -4.7767, 38.8607



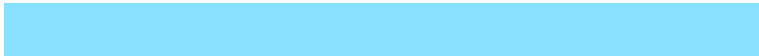
210.4980, -28.8395, 10.0873

Rectangle

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



197.8390, 13.8834, -66.5108



200.9230, 26.6600, -57.8145



210.6890, -4.7767, 38.8607



212.8310, -27.0317, 36.9822

Sweetspot

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



197.8390, 13.8834, -66.5108



244.0080, 4.4331, -21.9320



187.4780, -32.2807, -53.0392



121.3080, 2.8062, -13.4251



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.



197.8390, 13.8834, -66.5108



210.8470, 18.3164, -88.4428



169.6460, 30.2475, -41.7855



111.2980, 1.3321, -7.2773



124.4530, 22.4547, -109.1453



35.5230, 6.6442, -31.1537

Inverse Universe

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



155.1610, -13.8834, 66.5108



154.0390, -18.7532, 88.5428



183.3540, -30.2475, 41.7855



106.7020, -1.3321, 7.2773



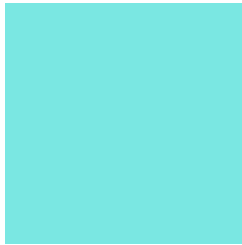
54.4330, -22.8915, 109.2453



15.4770, -6.6442, 31.1537

Previews

White Background



This preview shows how the YUV color 197.8390, 13.8834, -66.5108 looks on a white background.

Color Contrast Check

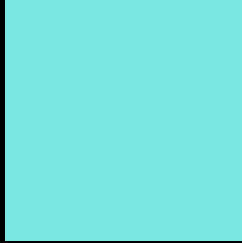
Large Text (above 18pt) WCAG AA × Fail

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 197.8390, 13.8834, -66.5108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

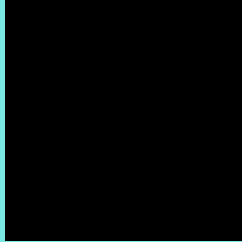
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 197.8390, 13.8834, -66.5108

Background



This preview shows how black text looks on a background with the YUV color 197.8390, 13.8834, -66.5108.



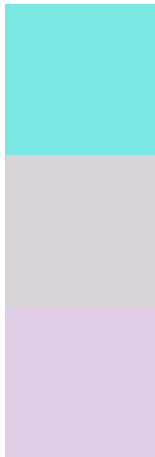
This preview shows how white text looks on a background with the YUV color 197.8390, 13.8834, -66.5108.

-66.5108.

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

197.8390, 13.8834, -66.5108

Protanopia

212.5380, 0.7208, 2.1592

Deuteranopia

214.2320, 8.2666, 8.5665



Tritanopia

200.1520, 22.6031, -63.2773

Trichromacy



Original Color

197.8390, 13.8834, -66.5108



Protanomaly

206.9370, 5.4541, -22.7467



Deuteranomaly

208.2240, 10.2426, -18.6134



Tritanomaly

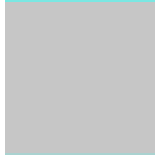
199.3430, 19.5509, -64.3218

Monochromacy



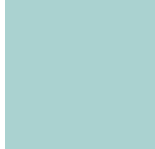
Original Color

197.8390, 13.8834, -66.5108



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

197.8120, 5.0227, -24.3911

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.8390, 13.8834, -66.5108 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, 231, 226)` looks like.

```
.text, #text, p{  
    color:rgb(122, 231, 226)  
}
```

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, 231, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 231, 226) }
```

Border

The CSS property to change the border of an element to YUV 197.8390, 13.8834, -66.5108 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, 231, 226) }
```


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

```
.border{ border-color:rgb(122, 231, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 231, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 231, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 231, 226); box-shadow:4px 4px 4px 4px rgb(122, 231, 226) }
```

Background

The CSS property to change the background color of an element to YUV 197.8390, 13.8834, -66.5108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 231, 226) }
```

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

```
.background{ background-color: rgb(122,  
231, 226) }
```

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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