

Converting Colors

YUV(197.7990, 1.0851,
-68.2297)

Have a look what the booklet for
YUV(197.7990, 1.0851, -68.2297)
contains.

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Color

**YUV(197.7990, 1.0851,
-68.2297)**

Conversions

Conversions Part 1

Format	Color
Hex	78EDC8
RGB	120, 237, 200
RGB Percent	47%, 93%, 78%
CMY	0.5294, 0.0706, 0.2157
CMYK	0.49, 0.00, 0.16, 0.07
HSL	161°, 76%, 70%
HSV	161°, 49%, 93%
XYZ	48.4552, 68.7316, 65.3562
YIQ	197.7990, -57.8550, -36.3110

Conversions

Conversions Part 2

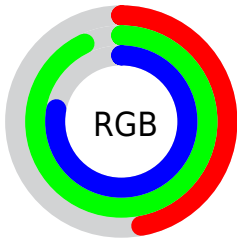
Format	Color
RYB	120, 189, 237
Decimal	7925192
CIELab	86.37, -41.83, 7.79
CIElCh	86, 42.547, 169.447
Yxy	68.7316, 0.2654, 0.3765
Android (android.graphics.Color)	4286115272 (0xFF78EDC8)
YUV	197.7990, 1.0851, -68.2297
Hunter-Lab	82.9045, -40.7549, 11.2930

Details

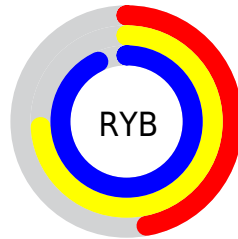
The YUV color **197.7990, 1.0851, -68.2297** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **159.2010, -1.0851, 68.2297**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.2760, 11.2029, -46.7231**, and **139.6460, 3.1325, -71.6035** is the 20% darker color. If you saturate the color by 10%, you get **189.8250, 1.5653, -82.2845**, and if you desaturate by 10%, it is **205.7730, 0.6049, -54.1749**.

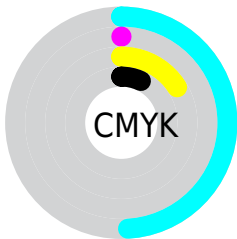
Distribution



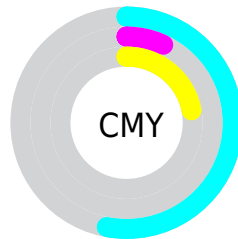
- Red (47%)
- Green (93%)
- Blue (78%)



- Red (47%)
- Yellow (74%)
- Blue (93%)



- Cyan (49%)
- Magenta (0%)
- Yellow (16%)
- Black (7%)



- Cyan (53%)
- Magenta (7%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.7990, 1.0851, -68.2297 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 197.7990, 1.0851, -68.2297 by changing the saturation by 10% instead.

 197.7990, 1.0851,
-68.2297

 197.7990, 1.0851,
-68.2297

255.0000, 0.0000,
0.0000


 168.7280, 2.1061,
-69.0445

 232.2760, 11.2029,
-46.7231


 139.6460, 3.1325,
-71.6035


 240.9470, 6.9281,
-28.8945

 107.0790, 6.3701,
-83.3843

 249.9170, 2.5059,
-10.4512

 85.4930, 5.1800,
-74.9774

 67.4950, 2.2210,
-59.1931

 50.1980, -0.5906,
-44.0236

 33.7160, -2.8180,

-29.5689

■ 17.9520, -7.3713,
-15.7439

■ 0.0000, 0.0000,
0.0000

■ 197.7990, 1.0851,
-68.2297

■ 197.7990, 1.0851,
-68.2297

■ 189.8250, 1.5653,
-82.2845

■ 205.7730, 0.6049,
-54.1749

■ 182.0360, 1.4613,
-95.6246

■ 213.5620, 0.7089,
-40.8349

■ 174.0620, 1.9414,
-109.6794

■ 221.5360, 0.2288,
-26.7801

■ 165.9740, 1.9848,
-123.6342

■ 229.6240, 0.1854,
-12.8252

■ 158.2990, 2.3176,
-137.0742

■ 237.2990, -0.1474,
0.6148

■ 157.5870, 2.1756,
-138.2038

■ 243.2940, 0.8411,
10.2662

■ 244.0920, 3.8986,
9.5663

■ 244.4340, 5.2090,
9.2664

Harmonies

Analogous

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



205.7810, -21.5840, -30.5029



197.7990, 1.0851, -68.2297



188.5230, 26.3642, -103.0677

Triad

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



197.7990, 1.0851, -68.2297



213.0260, 20.6932, -10.5468



208.4940, -25.8795, 40.7858

Complementary

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



197.7990, 1.0851, -68.2297



159.2010, -1.0851, 68.2297

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.



207.2010, -7.9871, 41.9197



197.7990, 1.0851, -68.2297



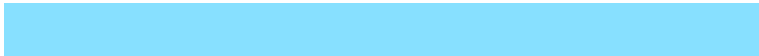
219.7690, 17.3689, 29.1436

Square

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



197.7990, 1.0851, -68.2297



200.9230, 26.6600, -57.8145



212.4620, 9.6322, 37.3058



214.5460, -38.2302, 35.4782

Rectangle

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



197.7990, 1.0851, -68.2297



186.4390, 33.8006, -108.2560



212.4620, 9.6322, 37.3058



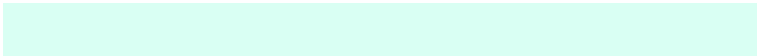
207.4000, -19.9172, 41.7452

Sweetspot

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



197.7990, 1.0851, -68.2297



242.2700, 0.3599, -22.1618



199.7420, -39.3128, -37.4847



120.2110, -0.1040, -13.3400



0.0000, 0.0000, 0.0000



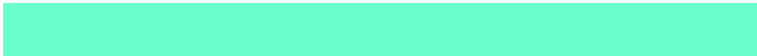
128.0000, 0.0000, 0.0000

Same Dimension

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



197.7990, 1.0851, -68.2297



204.6780, 1.1447, -87.4176



189.6900, 23.3238, -61.1181



113.3690, 0.3111, -6.4626



120.3830, 1.7832, -105.5759



35.9160, 0.5344, -31.4983

Inverse Universe

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



159.2010, -1.0851, 68.2297



155.2080, -1.5815, 87.5176



167.3100, -23.3238, 61.1181



109.6310, -0.3111, 6.4626



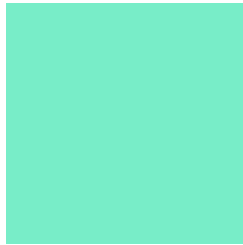
60.6170, -1.7832, 105.5759



18.0840, -0.5344, 31.4983

Previews

White Background



This preview shows how the YUV color 197.7990, 1.0851, -68.2297 looks on a white background.

Color Contrast Check

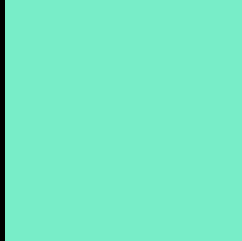
Large Text (above 18pt) WCAG AA × Fail

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 197.7990, 1.0851, -68.2297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

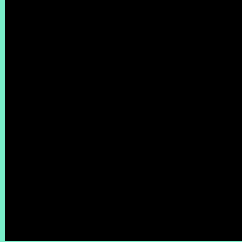
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 197.7990, 1.0851, -68.2297

Background



This preview shows how black text looks on a background with the YUV color 197.7990, 1.0851, -68.2297.



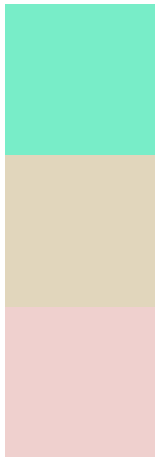
This preview shows how white text looks on a background with the YUV color 197.7990, 1.0851, -68.2297.

-68.2297.

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

197.7990, 1.0851, -68.2297

Protanopia

214.3250, -12.9782, 9.3620

Deuteranopia

217.0410, -5.4432, 19.2580



Tritanopia

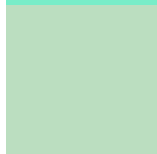
203.4620, 22.4502, -60.9182

Trichromacy



Original Color

197.7990, 1.0851, -68.2297



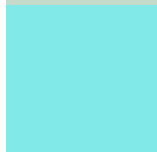
Protanomaly

208.1150, -7.9447, -18.5179



Deuteranomaly

210.4130, -3.1616, -12.6402



Tritanomaly

201.6760, 14.4567, -63.7369

Monochromacy



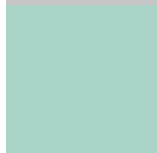
Original Color

197.7990, 1.0851, -68.2297



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

197.9600, 0.5127, -24.5209

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.7990, 1.0851, -68.2297 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(120, 237, 200)` looks like.

```
.text, #text, p{  
    color:rgb(120, 237, 200)  
}
```

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(120, 237, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 237, 200) }
```

Border

The CSS property to change the border of an element to YUV 197.7990, 1.0851, -68.2297 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(120, 237, 200) }
```


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

```
.border{ border-color:rgb(120, 237, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 237, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 237, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 237, 200);  
box-shadow:4px 4px 4px 4px rgb(120, 237,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 197.7990, 1.0851, -68.2297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 237, 200) }
```

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

```
.background{ background-color: rgb(120,  
237, 200) }
```

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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