

# Converting Colors

YUV(188.9880, 10.8519,  
-121.0155)

Have a look what the booklet for  
YUV(188.9880, 10.8519, -121.0155)  
contains.

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# Color

**YUV(188.9880, 10.8519,  
-121.0155)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 33FFD3                        |
| RGB         | 51, 255, 211                  |
| RGB Percent | 20%, 100%, 83%                |
| CMY         | 0.8000, 0.0000, 0.1725        |
| CMYK        | 0.80, 0.00, 0.17, 0.00        |
| HSL         | 167°, 100%, 60%               |
| HSV         | 167°, 80%, 100%               |
| XYZ         | 48.8831, 76.9270, 73.9000     |
| YIQ         | 188.9880, -107.4600, -56.9320 |

# Conversions

## Conversions Part 2

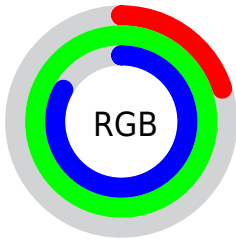
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">51, 165, 255</a>                 |
| Decimal                             | <a href="#">3407827</a>                      |
| CIELab                              | <a href="#">90.29, -57.54, 7.49</a>          |
| CIELCh                              | <a href="#">90, 58.024, 172.580</a>          |
| Yxy                                 | <a href="#">76.9270, 0.2448, 0.3852</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4281597907<br/>(0xFF33FFD3)</a>  |
| YUV                                 | <a href="#">188.9880, 10.8519, -121.0155</a> |
| Hunter-Lab                          | <a href="#">87.7080, -54.0040, 11.4397</a>   |

# Details

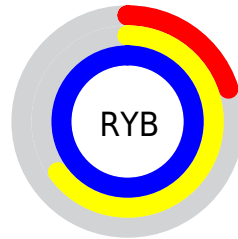
The YUV color **188.9880, 10.8519, -121.0155** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **117.0120, -10.8519, 121.0155**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.9240, 18.2785, -76.2323**, and **133.5370, 11.5673, -117.1119** is the 20% darker color. If you saturate the color by 10%, you get **180.5300, 12.0637, -136.3998**, and if you desaturate by 10%, it is **197.3320, 9.2033, -105.5312**.

# Distribution



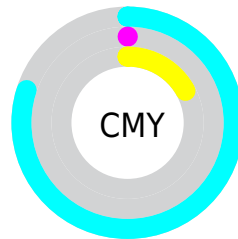
- Red (20%)
- Green (100%)
- Blue (83%)



- Red (20%)
- Yellow (65%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (80%)
- Magenta (0%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 188.9880, 10.8519, -121.0155 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 188.9880, 10.8519, -121.0155 by changing the saturation by 10% instead.



188.9880, 10.8519,  
-121.0155

188.9880, 10.8519,  
-121.0155

255.0000, 0.0000,  
0.0000

153.5240, 14.5317,  
-134.6405

217.9240, 18.2785,  
-76.2323

133.5370, 11.5673,  
-117.1119

228.0900, 13.2666,  
-55.3299

114.0230, 7.8767,  
-99.9982

237.6580, 8.5496,  
-35.6571

95.3240, 4.7703,  
-83.5991

247.2260, 3.8326,  
-15.9842

76.7390, 2.1007,  
-67.3001

58.8550, -0.4215,  
-51.6158

41.7860, -2.3595,

-36.6463

■ 25.8910, -4.8763,  
-22.7064

■ 1.1740, -0.5788,  
-1.0296

■ 188.9880, 10.8519,  
-121.0155

■ 188.9880, 10.8519,  
-121.0155

■ 180.5300, 12.0637,  
-136.3998

■ 197.3320, 9.2033,  
-105.5312

■ 172.4850, 13.5649,  
-151.2693

■ 205.4910, 8.1389,  
-90.7616

■ 213.8350, 6.4903,  
-75.2773

■ 221.9940, 5.4260,  
-60.5077

■ 230.4520, 4.2142,  
-45.1234

■ 238.4970, 2.7130,  
-30.2539

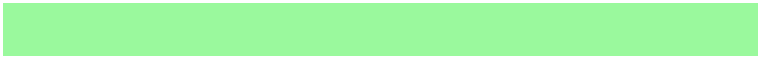
■ 246.9550, 1.5012,  
-14.8695

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



210.1070, -26.1818, -49.2058



188.9880, 10.8519, -121.0155



178.7550, 37.5888, -156.7681

# Triad

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



188.9880, 10.8519, -121.0155



220.1250, 17.1934, -8.0026



209.1320, -33.5891, 40.2262

# Complementary

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



188.9880, 10.8519, -121.0155



117.0120, -10.8519, 121.0155

# 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.



205.6850, -8.7187, 43.2493



188.9880, 10.8519, -121.0155



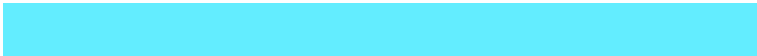
220.9540, 16.7847, 29.8583

# Square

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



188.9880, 10.8519, -121.0155



197.7900, 28.2045, -86.6388



211.3680, 15.5946, 38.2653



217.9080, -50.7336, 32.5297



# Rectangle

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



188.9880, 10.8519, -121.0155



176.9940, 38.4570, -155.2237



211.3680, 15.5946, 38.2653



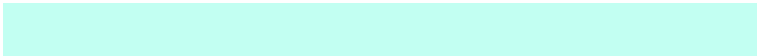
207.2060, -25.7376, 41.9153

# Sweetspot

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



188.9880, 10.8519, -121.0155



235.2790, 3.3135, -36.2017



183.9040, -65.5217, -77.9688



116.0250, 1.9597, -21.9469



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.



188.9880, 10.8519, -121.0155



175.7030, 12.9644, -145.3215



159.9580, 46.8557, -95.5562



123.7710, 0.6059, -7.6922



129.2170, 10.2460, -113.3233



43.2680, 3.3189, -37.9460



# Inverse Universe

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



117.0120, -10.8519, 121.0155



89.2970, -12.9644, 145.3215



146.0420, -46.8557, 95.5562



119.2290, -0.6059, 7.6922



61.7830, -10.2460, 113.3233

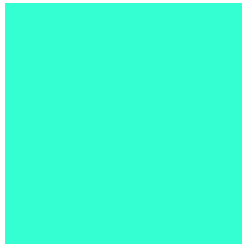


20.7320, -3.3189, 37.9460



# Previews

## White Background



This preview shows how the YUV color 188.9880, 10.8519, -121.0155 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

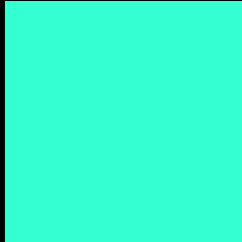
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 188.9880, 10.8519, -121.0155 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

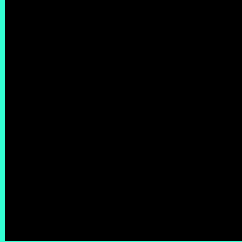
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

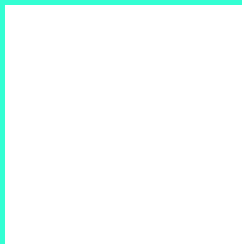
Any Text WCAG AAA ✓ Pass

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

# **YUV 188.9880, 10.8519, -121.0155 Background**



This preview shows how black text looks on a background with the YUV color 188.9880, 10.8519, -121.0155.



This preview shows how white text looks on a background with the YUV color 188.9880, 10.8519, -121.0155.

-121.0155.

# Color Blindness Simulation

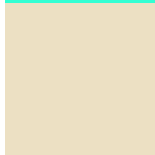
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



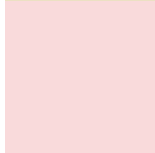
### Original Color

188.9880, 10.8519, -121.0155



### Protanopia

224.2820, -14.4360, 10.2767



### Deuteranopia

227.3830, -4.1328, 18.9581



## Tritanopia

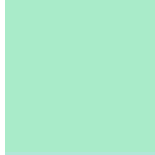
214.7890, 19.8240, -58.5740

# Trichromacy



## Original Color

188.9880, 10.8519, -121.0155



## Protanomaly

211.3900, -5.1223, -37.1760



## Deuteranomaly

213.1440, 1.4080, -31.6983



## Tritanomaly

205.4350, 16.5475, -81.0655

# Monochromacy



## Original Color

188.9880, 10.8519, -121.0155



## Achromatopsia

189.0000, 0.0000, 0.0000



## Achromatomaly

189.0500, 3.9194, -43.8938

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 188.9880, 10.8519, -121.0155 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(51, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 211)  
}
```

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(51, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 211) }
```

## Border

The CSS property to change the border of an element to YUV 188.9880, 10.8519, -121.0155 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(51, 255, 211) }
```



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

```
.border{ border-color:rgb(51, 255, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
211) }
```

# Background

The CSS property to change the background color of an element to YUV 188.9880, 10.8519, -121.0155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 211) }
```

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

```
.background{ background-color: rgb(51, 255,  
211) }
```

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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