

Converting Colors

YUV(188.8030, 11.4361,
-121.7302)

Have a look what the booklet for
YUV(188.8030, 11.4361, -121.7302)
contains.

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Color

**YUV(188.8030, 11.4361,
-121.7302)**

Conversions

Conversions Part 1

Format	Color
Hex	32FFD4
RGB	50, 255, 212
RGB Percent	20%, 100%, 83%
CMY	0.8039, 0.0000, 0.1686
CMYK	0.80, 0.00, 0.17, 0.00
HSL	167°, 100%, 60%
HSV	167°, 80%, 100%
XYZ	48.9591, 76.9516, 74.5601
YIQ	188.8030, -108.3770, -56.8330

Conversions

Conversions Part 2

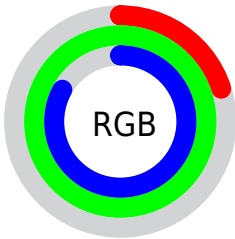
Format	Color
RYB	50, 165, 255
Decimal	3342292
CIELab	90.30, -57.38, 6.99
CIELCh	90, 57.804, 173.053
Yxy	76.9516, 0.2442, 0.3839
Android (android.graphics.Color)	4281532372 (0xFF32FFD4)
YUV	188.8030, 11.4361, -121.7302
Hunter-Lab	87.7220, -53.8899, 11.0114

Details

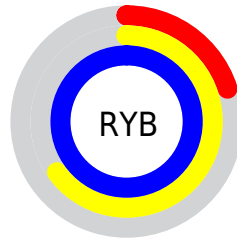
The YUV color **188.8030, 11.4361, -121.7302** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **116.1970, -11.4361, 121.7302**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

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 **180.4590, 13.0847, -137.2145**, and if you desaturate by 10%, it is **197.1470, 9.7875, -106.2459**.

Distribution



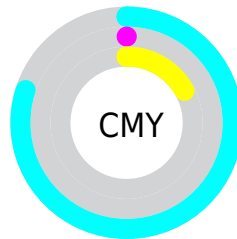
- Red (20%)
- Green (100%)
- Blue (83%)



- 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 188.8030, 11.4361, -121.7302 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 188.8030, 11.4361, -121.7302 by changing the saturation by 10% instead.

188.8030, 11.4361,
-121.7302

188.8030, 11.4361,
-121.7302

255.0000, 0.0000,
0.0000

153.6380, 14.9685,
-134.7405

217.9240, 18.2785,
-76.2323

133.5370, 11.5673,
-117.1119

227.7910, 13.4140,
-55.9447

114.1370, 8.3135,
-100.0981

237.6580, 8.5496,
-35.6571

95.4380, 5.2071,
-83.6991

247.2260, 3.8326,
-15.9842

76.8530, 2.5375,
-67.4001

58.9690, 0.0153,
-51.7158

41.7860, -2.3595,

-36.6463

■ 26.0050, -4.4395,
-22.8064

■ 1.1740, -0.5788,
-1.0296

■ 188.8030, 11.4361,
-121.7302

■ 188.8030, 11.4361,
-121.7302

■ 180.4590, 13.0847,
-137.2145

■ 197.1470, 9.7875,
-106.2459

■ 172.7130, 14.4385,
-151.4693

■ 205.3060, 8.7231,
-91.4764

■ 213.6500, 7.0745,
-75.9921

■ 221.6950, 5.5734,
-61.1225

■ 230.1530, 4.3616,
-45.7382

■ 238.1980, 2.8604,
-30.8686

■ 246.5420, 1.2118,
-15.3843

254.7010, 0.1474,
-0.6148

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.



209.9220, -25.5975, -49.9206



188.8030, 11.4361, -121.7302



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.



188.8030, 11.4361, -121.7302



220.4240, 17.0460, -7.3878



209.6050, -34.3153, 39.8114

Complementary

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



188.8030, 11.4361, -121.7302



116.1970, -11.4361, 121.7302

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.



205.5710, -9.1555, 43.3492



188.8030, 11.4361, -121.7302



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.



188.8030, 11.4361, -121.7302



198.9860, 27.6149, -84.1797



211.2540, 15.1578, 38.3652



218.4950, -51.0230, 32.0149

Rectangle

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



188.8030, 11.4361, -121.7302



176.9940, 38.4570, -155.2237



211.2540, 15.1578, 38.3652



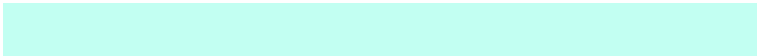
207.6790, -26.4637, 41.5005

Sweetspot

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



188.8030, 11.4361, -121.7302



235.2790, 3.3135, -36.2017



183.4910, -65.8111, -78.4836



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.



188.8030, 11.4361, -121.7302



175.9310, 13.8380, -145.5215



159.6590, 47.0031, -96.1709



123.7710, 0.6059, -7.6922



129.3310, 10.6828, -113.4233



43.2680, 3.3189, -37.9460

Inverse Universe

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



116.1970, -11.4361, 121.7302



89.1830, -13.4012, 145.4215



145.3410, -47.0031, 96.1709



119.1150, -1.0427, 7.7921



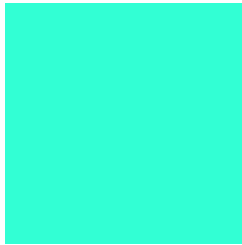
61.6690, -10.6828, 113.4233



20.6180, -3.7557, 38.0460

Previews

White Background



This preview shows how the YUV color 188.8030, 11.4361, -121.7302 looks on a white background.

Color Contrast Check

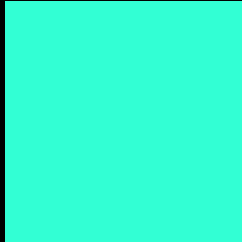
Large Text (above 18pt) WCAG AA × Fail

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 188.8030, 11.4361, -121.7302 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

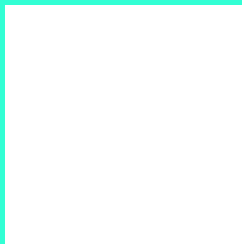
Any Text WCAG AAA ✓ Pass

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

YUV 188.8030, 11.4361, -121.7302 Background



This preview shows how black text looks on a background with the YUV color 188.8030, 11.4361, -121.7302.



This preview shows how white text looks on a background with the YUV color 188.8030, 11.4361, -121.7302.

-121.7302.

Color Blindness Simulation

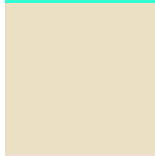
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



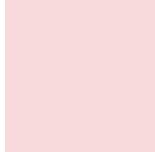
Original Color

188.8030, 11.4361, -121.7302



Protanopia

224.3960, -13.9992, 10.1767



Deuteranopia

227.4970, -3.6960, 18.8581



Tritanopia

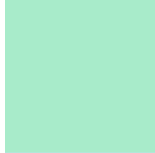
214.7890, 19.8240, -58.5740

Trichromacy



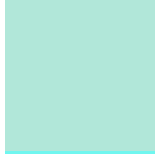
Original Color

188.8030, 11.4361, -121.7302



Protanomaly

211.2050, -4.5381, -37.8908



Deuteranomaly

213.2580, 1.8448, -31.7983



Tritanomaly

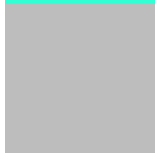
205.1360, 16.6950, -81.6803

Monochromacy



Original Color

188.8030, 11.4361, -121.7302



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

188.7510, 4.0668, -44.5086

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.8030, 11.4361, -121.7302 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(50, 255, 212)` looks like.

```
.text, #text, p{  
    color:rgb(50, 255, 212)  
}
```

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(50, 255, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 255, 212) }
```

Border

The CSS property to change the border of an element to YUV 188.8030, 11.4361, -121.7302 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(50, 255, 212) }
```


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

```
.border{ border-color:rgb(50, 255, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 255, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 255, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 255, 212);  
box-shadow:4px 4px 4px 4px rgb(50, 255,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 188.8030, 11.4361, -121.7302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 255, 212) }
```

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

```
.background{ background-color: rgb(50, 255,  
212) }
```

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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