

Converting Colors

YUV(189.0530, -21.2251,
-99.1475)

Have a look what the booklet for
YUV(189.0530, -21.2251, -99.1475)
contains.

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Color

**YUV(189.0530, -21.2251,
-99.1475)**

Conversions

Conversions Part 1

Format	Color
Hex	4CFF92
RGB	76, 255, 146
RGB Percent	30%, 100%, 57%
CMY	0.7020, 0.0000, 0.4275
CMYK	0.70, 0.00, 0.43, 0.00
HSL	143°, 100%, 65%
HSV	143°, 70%, 100%
XYZ	43.9288, 75.1318, 39.3807
YIQ	189.0530, -71.6950, -71.8470

Conversions

Conversions Part 2

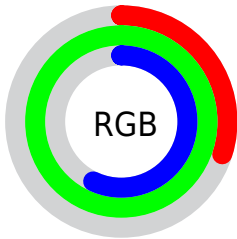
Format	Color
RYB	76, 205, 255
Decimal	5046162
CIELab	89.45, -67.97, 39.32
CIELCh	89, 78.521, 149.948
Yxy	75.1318, 0.2773, 0.4742
Android (android.graphics.Color)	4283236242 (0xFF4CFF92)
YUV	189.0530, -21.2251, -99.1475
Hunter-Lab	86.6786, -61.2236, 33.7378

Details

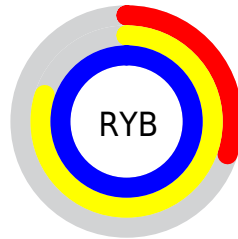
The YUV color **189.0530, -21.2251, -99.1475** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **141.9470, 21.2251, 99.1475**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.9540, -7.3723, -62.2267**, and **126.3550, -15.9510, -110.8133** is the 20% darker color. If you saturate the color by 10%, you get **179.7540, -24.5287, -112.9173**, and if you desaturate by 10%, it is **198.6510, -18.0689, -84.7629**.

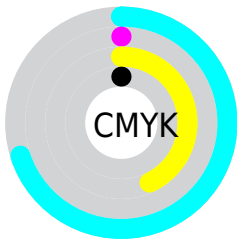
Distribution



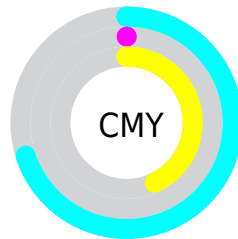
- Red (30%)
- Green (100%)
- Blue (57%)



- Red (30%)
- Yellow (80%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.0530, -21.2251, -99.1475 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 189.0530, -21.2251, -99.1475 by changing the saturation by 10% instead.

189.0530,
-21.2251, -99.1475

189.0530,
-21.2251, -99.1475

255.0000, 0.0000,
0.0000

153.2190,
-16.3770, -114.2021

215.9540, -7.3723,
-62.2267

126.3550,
-15.9510, -110.8133

228.7140, 0.1410,
-45.3532

107.0690,
-18.7680, -93.8995

240.9470, 6.9281,
-28.8945

87.7830, -21.5850,
-76.9857

250.2160, 2.3585,
-9.8364

68.8560, -25.5650,
-60.3867

51.6560, -25.4664,
-45.3023

36.9810, -18.2316,

-32.4323

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,
0.0000

■ 189.0530,
-21.2251, -99.1475

■ 189.0530,
-21.2251, -99.1475

■ 179.7540,
-24.5287, -112.9173

■ 198.6510,
-18.0689, -84.7629

■ 170.2700,
-27.2481, -127.4018

■ 207.8360,
-15.2021, -70.8932

■ 161.0850,
-30.1149, -141.2715

■ 217.4340,
-12.0460, -56.5086

■ 226.6190, -9.1792,
-42.6389

■ 236.2170, -6.0230,
-28.2543

■ 245.4020, -3.1562,
-14.3846

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.



208.1410, -61.2015, -16.7867



189.0530, -21.2251, -99.1475



174.9930, 23.1745, -153.4689

Triad

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



189.0530, -21.2251, -99.1475



165.8410, 43.9554, -145.4426



190.6560, -18.0714, 56.4297

Complementary

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



189.0530, -21.2251, -99.1475



141.9470, 21.2251, 99.1475

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.



193.2220, 17.1456, 54.1793



189.0530, -21.2251, -99.1475



216.6800, 18.8918, 7.2966

Square

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



189.0530, -21.2251, -99.1475



176.9940, 38.4570, -155.2237



206.8660, 23.7301, 42.2135



200.1380, -52.8190, 48.1140

Rectangle

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



189.0530, -21.2251, -99.1475



178.7550, 37.5888, -156.7681



206.8660, 23.7301, 42.2135



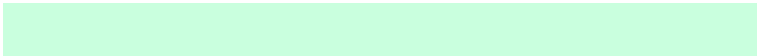
189.2830, -5.5625, 57.6338

Sweetspot

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



189.0530, -21.2251, -99.1475



235.0920, -6.4544, -29.8987



213.9630, -68.0158, -24.5236



116.1520, -4.0189, -17.6733



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.



189.0530, -21.2251, -99.1475



176.1940, -25.2386, -118.5651



199.0850, 17.2131, -107.9455



123.2010, -1.5781, -7.1923



120.6670, -22.5138, -105.8250



40.4180, -7.6011, -35.4466

Inverse Universe

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



141.9470, 21.2251, 99.1475



119.8060, 25.2386, 118.5651



131.9150, -17.2131, 107.9455



119.7990, 1.5781, 7.1923



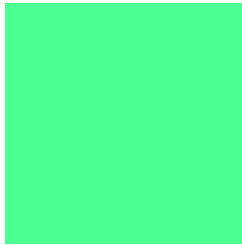
70.3330, 22.5138, 105.8250



23.5820, 7.6011, 35.4466

Previews

White Background



This preview shows how the YUV color 189.0530, -21.2251, -99.1475 looks on a white background.

Color Contrast Check

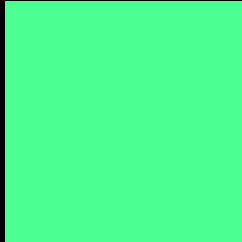
Large Text (above 18pt) WCAG AA × Fail

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 189.0530, -21.2251, -99.1475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

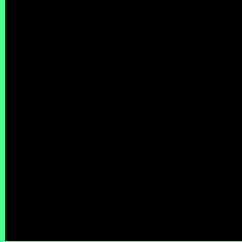
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

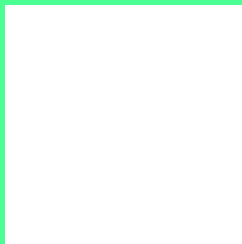
Any Text WCAG AAA ✓ Pass

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

YUV 189.0530, -21.2251, -99.1475 Background



This preview shows how black text looks on a background with the YUV color 189.0530, -21.2251, -99.1475.



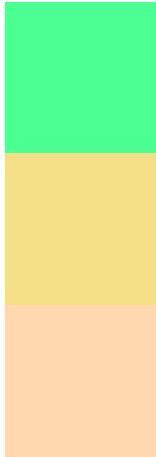
This preview shows how white text looks on a background with the YUV color 189.0530, -21.2251, -99.1475.

-99.1475.

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

189.0530, -21.2251, -99.1475

Protanopia

219.1330, -41.9706, 21.8084

Deuteranopia

223.1010, -23.2208, 27.9754



Tritanopia

211.5330, 21.4292, -60.1034

Trichromacy



Original Color

189.0530, -21.2251, -99.1475



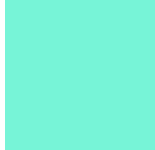
Protanomaly

208.3940, -34.7042, -22.2705



Deuteranomaly

210.6300, -22.4956, -18.0925



Tritanomaly

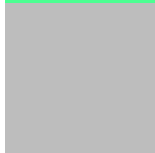
203.3190, 5.7587, -73.9478

Monochromacy



Original Color

189.0530, -21.2251, -99.1475



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

189.0050, -7.8905, -35.9614

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.0530, -21.2251, -99.1475 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(76, 255, 146)` looks like.

```
.text, #text, p{  
    color:rgb(76, 255, 146)  
}
```

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(76, 255, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 255, 146) }
```

Border

The CSS property to change the border of an element to YUV 189.0530, -21.2251, -99.1475 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(76, 255, 146) }
```


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

```
.border{ border-color:rgb(76, 255, 146) }
```

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

Here you see how a box with a 4 pixel rgb(76, 255, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 255, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 255, 146);  
box-shadow:4px 4px 4px 4px rgb(76, 255,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 189.0530, -21.2251, -99.1475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 255, 146) }
```

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

```
.background{ background-color: rgb(76, 255,  
146) }
```

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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