

Converting Colors

YUV(196.5110, -39.1989,
-74.1161)

Have a look what the booklet for
YUV(196.5110, -39.1989, -74.1161)
contains.

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Color

**YUV(196.5110, -39.1989,
-74.1161)**

Conversions

Conversions Part 1

Format	Color
Hex	70FF75
RGB	112, 255, 117
RGB Percent	44%, 100%, 46%
CMY	0.5608, 0.0000, 0.5412
CMYK	0.56, 0.00, 0.54, 0.00
HSL	122°, 100%, 72%
HSV	122°, 56%, 100%
XYZ	45.6530, 76.2491, 29.1410
YIQ	196.5110, -40.9300, -73.2340

Conversions

Conversions Part 2

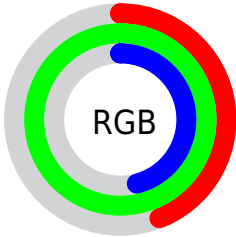
Format	Color
RYB	112, 250, 255
Decimal	7405429
CIELab	89.97, -65.21, 53.83
CIELCh	90, 84.560, 140.464
Yxy	76.2491, 0.3023, 0.5048
Android (android.graphics.Color)	4285595509 (0xFF70FF75)
YUV	196.5110, -39.1989, -74.1161
Hunter-Lab	87.3207, -59.4880, 41.3380

Details

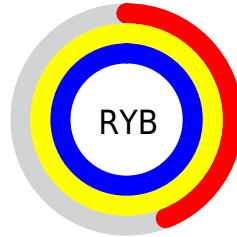
The YUV color **196.5110, -39.1989, -74.1161** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **170.4890, 39.1989, 74.1161**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.3190, -24.3143, -41.4988**, and **133.8840, -34.9458, -84.9673** is the 20% darker color. If you saturate the color by 10%, you get **186.1860, -46.4337, -86.9861**, and if you desaturate by 10%, it is **207.1350, -32.1116, -60.6314**.

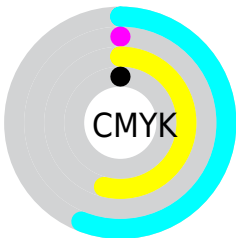
Distribution



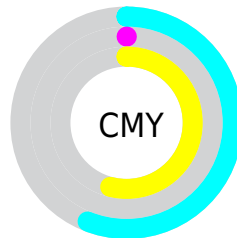
- Red (44%)
- Green (100%)
- Blue (46%)



- Red (44%)
- Yellow (98%)
- Blue (100%)



- Cyan (56%)
- Magenta (0%)
- Yellow (54%)
- Black (0%)



- Cyan (56%)
- Magenta (0%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.5110, -39.1989, -74.1161 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 196.5110, -39.1989, -74.1161 by changing the saturation by 10% instead.

■ 196.5110,
-39.1989, -74.1161

■ 196.5110,
-39.1989, -74.1161

255.0000, 0.0000,
0.0000

■ 166.5430,
-37.7357, -76.7752

■ 221.3190,
-24.3143, -41.4988

■ 133.8840,
-34.9458, -84.9673

■ 233.4810,
-16.5061, -25.8548

■ 103.1930,
-33.6191, -90.5003

■ 246.0560, -8.4086,
-9.6961

■ 83.3540, -41.0935,
-73.1015

■ 67.5050, -33.2800,
-59.2019

■ 52.2430, -25.7558,
-45.8171

■ 37.5680, -18.5210,

-32.9471

■ 23.4800, -11.5756,
-20.5920

■ 0.0000, 0.0000,
0.0000

■ 196.5110,
-39.1989, -74.1161

■ 196.5110,
-39.1989, -74.1161

■ 186.1860,
-46.4337, -86.9861

■ 207.1350,
-32.1116, -60.6314

■ 175.6760,
-53.0843, -100.5709

■ 217.3460,
-25.3136, -47.6614

■ 165.0520,
-60.1716, -114.0556

■ 227.9700,
-18.2262, -34.1767

■ 154.8410,
-66.9696, -127.0256

■ 238.1810,
-11.4282, -21.2067

■ 150.7110,
-69.8635, -132.1735

■ 248.8050, -4.3409,
-7.7220

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.



210.4350, -77.1225, 3.1265



196.5110, -39.1989, -74.1161



172.1430, 12.2545, -150.9694

Triad

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



196.5110, -39.1989, -74.1161



171.7110, 41.0615, -150.5905



185.4190, -5.1366, 61.0225

Complementary

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



196.5110, -39.1989, -74.1161



170.4890, 39.1989, 74.1161

Split Complementary

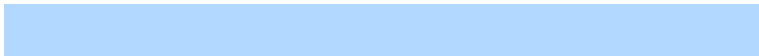
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



194.5390, 29.8073, 53.0243



196.5110, -39.1989, -74.1161



209.0840, 22.6366, -27.2607

Square

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



196.5110, -39.1989, -74.1161



178.7550, 37.5888, -156.7681



210.9750, 21.7043, 38.6099



193.5330, -45.1258, 53.9066

Rectangle

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



196.5110, -39.1989, -74.1161



178.5270, 36.7152, -156.5682



210.9750, 21.7043, 38.6099



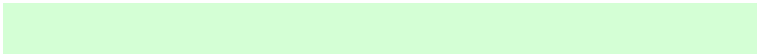
186.0350, 7.3777, 60.4823

Sweetspot

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



196.5110, -39.1989, -74.1161



237.3550, -12.0070, -22.2363



237.2030, -61.7251, 11.2230



117.3760, -7.0874, -13.4848



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.



196.5110, -39.1989, -74.1161



185.0610, -46.8651, -88.6305



204.6050, -8.1863, -81.2146



122.6310, -3.7621, -6.6924



112.9150, -52.2161, -99.0265



37.7960, -17.6474, -33.1471

Inverse Universe

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



170.4890, 39.1989, 74.1161



153.9390, 46.8651, 88.6305



162.3950, 8.1863, 81.2146



120.2550, 3.3253, 6.7924



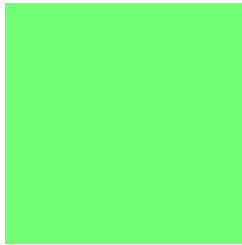
78.1990, 52.6529, 98.9265



26.2040, 17.6474, 33.1471

Previews

White Background



This preview shows how the YUV color 196.5110, -39.1989, -74.1161 looks on a white background.

Color Contrast Check

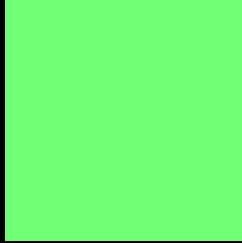
Large Text (above 18pt) WCAG AA × Fail

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 196.5110, -39.1989, -74.1161 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 196.5110, -39.1989, -74.1161 Background



This preview shows how black text looks on a background with the YUV color 196.5110, -39.1989, -74.1161.



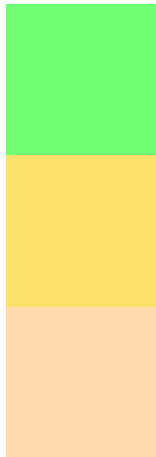
This preview shows how white text looks on a background with the YUV color 196.5110, -39.1989, -74.1161.

-74.1161.

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

196.5110, -39.1989, -74.1161

Protanopia

218.7240, -55.0799, 26.5521

Deuteranopia

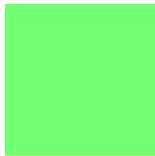
224.1610, -24.2364, 27.0458



Tritanopia

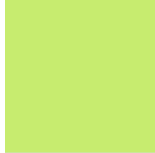
216.0180, 19.2181, -50.8818

Trichromacy



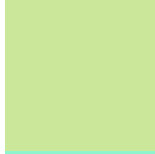
Original Color

196.5110, -39.1989, -74.1161



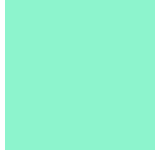
Protanomaly

210.6870, -49.1457, -10.2495



Deuteranomaly

213.8500, -29.5060, -9.5154



Tritanomaly

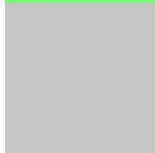
208.7570, -1.8522, -59.4229

Monochromacy



Original Color

196.5110, -39.1989, -74.1161



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

196.7520, -14.1747, -26.9695

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.5110, -39.1989, -74.1161 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(112, 255, 117)` looks like.

```
.text, #text, p{  
    color:rgb(112, 255, 117)  
}
```

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(112, 255, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 255, 117) }
```

Border

The CSS property to change the border of an element to YUV 196.5110, -39.1989, -74.1161 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(112, 255, 117) }
```


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

```
.border{ border-color:rgb(112, 255, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 255, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 255, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 255, 117); box-shadow:4px 4px 4px 4px rgb(112, 255, 117) }
```

Background

The CSS property to change the background color of an element to YUV 196.5110, -39.1989, -74.1161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 255, 117) }
```

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

```
.background{ background-color: rgb(112,  
255, 117) }
```

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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