

Converting Colors

YUV(196.4870, -16.0161,
-89.8811)

Have a look what the booklet for
YUV(196.4870, -16.0161, -89.8811)
contains.

YUV(196.4870, -16.0161, -89.8811)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(196.4870, -16.0161,
-89.8811)**

Conversions

Conversions Part 1

Format	Color
Hex	5EFFA4
RGB	94, 255, 164
RGB Percent	37%, 100%, 64%
CMY	0.6314, 0.0000, 0.3569
CMYK	0.63, 0.00, 0.36, 0.00
HSL	146°, 100%, 68%
HSV	146°, 63%, 100%
XYZ	47.0769, 76.5800, 47.4222
YIQ	196.4870, -66.7450, -62.4330

Conversions

Conversions Part 2

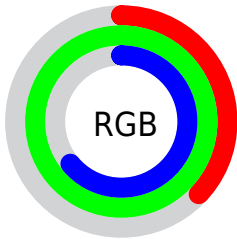
Format	Color
RYB	94, 206, 255
Decimal	6225828
CIELab	90.13, -61.84, 31.38
CIELCh	90, 69.349, 153.099
Yxy	76.5800, 0.2752, 0.4476
Android (android.graphics.Color)	4284415908 (0xFF5EFA4)
YUV	196.4870, -16.0161, -89.8811
Hunter-Lab	87.5100, -57.1166, 29.1274

Details

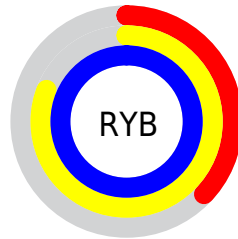
The YUV color **196.4870, -16.0161, -89.8811** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **152.5130, 16.0161, 89.8811**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.0070, -0.9895, -56.1341**, and **128.2930, -8.5254, -112.5130** is the 20% darker color. If you saturate the color by 10%, you get **187.4160, -18.4461, -103.8508**, and if you desaturate by 10%, it is **205.8570, -13.7335, -75.2966**.

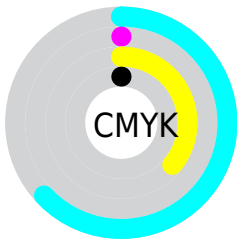
Distribution



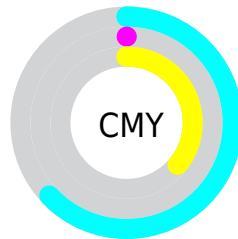
- Red (37%)
- Green (100%)
- Blue (64%)



- Red (37%)
- Yellow (81%)
- Blue (100%)



- Cyan (63%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



- Cyan (63%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.4870, -16.0161, -89.8811 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 196.4870, -16.0161, -89.8811 by changing the saturation by 10% instead.

■ 196.4870,
-16.0161, -89.8811

■ 196.4870,
-16.0161, -89.8811

■ 255.0000, 0.0000,
0.0000

■ 165.0240,
-13.8158, -95.6140

■ 222.0070, -0.9895,
-56.1341

■ 128.2930, -8.5254,
-112.5130

■ 234.4680, 6.6713,
-39.8754

■ 109.0070,
-11.3425, -95.5991

■ 244.5350, 5.1592,
-21.5172

■ 90.4220, -14.0120,
-79.3001

■ 253.8040, 0.5896,
-2.4591

■ 71.8370, -16.6816,
-63.0010

■ 53.8390, -19.6406,
-47.2168

■ 37.5680, -18.5210,

-32.9471

■ 23.4800, -11.5756,
-20.5920

■ 0.5870, -0.2894,
-0.5148

■ 196.4870,
-16.0161, -89.8811

■ 196.4870,
-16.0161, -89.8811

■ 187.4160,
-18.4461, -103.8508

■ 205.8570,
-13.7335, -75.2966

■ 177.9320,
-21.1655, -118.3354

■ 215.0420,
-10.8667, -61.4268

■ 168.8610,
-23.5955, -132.3051

■ 224.4120, -8.5841,
-46.8423

■ 162.3390,
-25.3101, -142.3713

■ 233.5970, -5.7173,
-32.9726

■ 242.9670, -3.4347,
-18.3881

■ 252.0380, -1.0047,
-4.4183

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.



212.2790, -50.4235, -20.4157



196.4870, -16.0161, -89.8811



176.1330, 27.5424, -154.4686

Triad

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



196.4870, -16.0161, -89.8811



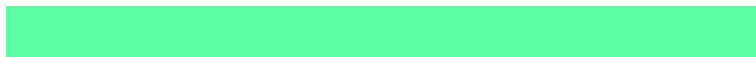
197.5460, 28.3248, -78.5318



198.7430, -20.0863, 49.3374

Complementary

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



196.4870, -16.0161, -89.8811



152.5130, 16.0161, 89.8811

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.



200.1690, 10.7627, 48.0868



196.4870, -16.0161, -89.8811



221.4530, 16.5387, 15.3887

Square

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



196.4870, -16.0161, -89.8811



175.2330, 39.3251, -153.6793



211.5620, 21.4149, 38.0951



206.5440, -48.5822, 42.4959

Rectangle

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



196.4870, -16.0161, -89.8811



178.7550, 37.5888, -156.7681



211.5620, 21.4149, 38.0951



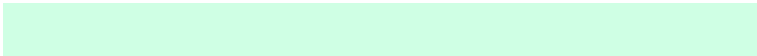
197.5010, -9.6140, 50.4266

Sweetspot

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



196.4870, -16.0161, -89.8811



237.5700, -4.7180, -26.8099



215.7160, -60.0060, -26.9379



117.0920, -3.0034, -16.7437



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.



196.4870, -16.0161, -89.8811



184.4540, -19.4508, -108.2692



205.6070, 18.9277, -97.8793



123.2010, -1.5781, -7.1923



121.5790, -19.0194, -106.6248



40.7600, -6.2907, -35.7465

Inverse Universe

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



152.5130, 16.0161, 89.8811



131.5460, 19.4508, 108.2692



143.3930, -18.9277, 97.8793



119.6850, 1.1413, 7.2923



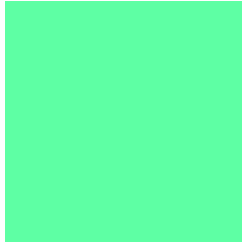
69.4210, 19.0194, 106.6248



23.2400, 6.2907, 35.7465

Previews

White Background



This preview shows how the YUV color 196.4870, -16.0161, -89.8811 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 196.4870, -16.0161, -89.8811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

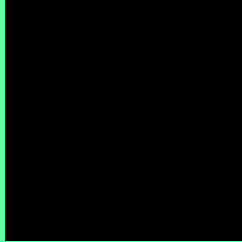
Any Text WCAG AA ✓ Pass

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 196.4870, -16.0161, -89.8811 Background



This preview shows how black text looks on a background with the YUV color 196.4870, -16.0161, -89.8811.



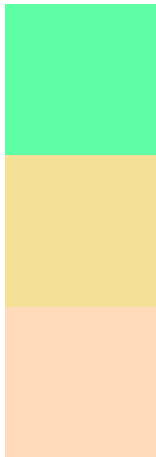
This preview shows how white text looks on a background with the YUV color 196.4870, -16.0161, -89.8811.

-89.8811.

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

196.4870, -16.0161, -89.8811

Protanopia

222.2450, -35.1238, 19.0791

Deuteranopia

225.5290, -18.9948, 25.8461



Tritanopia

215.4090, 19.5184, -53.8557

Trichromacy



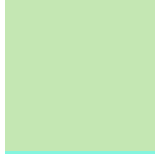
Original Color

196.4870, -16.0161, -89.8811



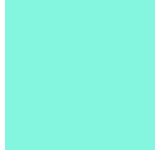
Protanomaly

212.8270, -28.0157, -20.8963



Deuteranomaly

214.6070, -17.5543, -16.3183



Tritanomaly

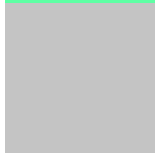
208.5910, 6.6106, -67.1703

Monochromacy



Original Color

196.4870, -16.0161, -89.8811



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

195.8960, -5.8647, -32.3578

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.4870, -16.0161, -89.8811 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(94, 255, 164)` looks like.

```
.text, #text, p{  
    color:rgb(94, 255, 164)  
}
```

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(94, 255, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 255, 164) }
```

Border

The CSS property to change the border of an element to YUV 196.4870, -16.0161, -89.8811 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(94, 255, 164) }
```


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

```
.border{ border-color:rgb(94, 255, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 255, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 255, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 255, 164);  
box-shadow:4px 4px 4px 4px rgb(94, 255,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 196.4870, -16.0161, -89.8811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 255, 164) }
```

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

```
.background{ background-color: rgb(94, 255,  
164) }
```

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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