

Converting Colors

YUV(197.7870, -61.0270,
-26.1232)

Have a look what the booklet for
YUV(197.7870, -61.0270, -26.1232)
contains.

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Color

**YUV(197.7870, -61.0270,
-26.1232)**

Conversions

Conversions Part 1

Format	Color
Hex	A8ED4A
RGB	168, 237, 74
RGB Percent	66%, 93%, 29%
CMY	0.3412, 0.0706, 0.7098
CMYK	0.29, 0.00, 0.69, 0.07
HSL	85°, 82%, 61%
HSV	85°, 69%, 93%
XYZ	47.6687, 69.3876, 17.3593
YIQ	197.7870, 11.1990, -65.3210

Conversions

Conversions Part 2

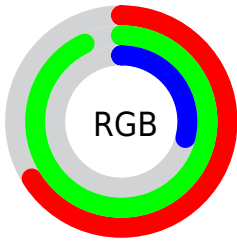
Format	Color
RYB	74, 237, 143
Decimal	11070794
CIELab	86.70, -45.40, 68.61
CIELCh	87, 82.274, 123.491
Yxy	69.3876, 0.3546, 0.5162
Android (android.graphics.Color)	4289260874 (0xFFA8ED4A)
YUV	197.7870, -61.0270, -26.1232
Hunter-Lab	83.2992, -43.6256, 45.9536

Details

The YUV color **197.7870, -61.0270, -26.1232** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **113.2130, 61.0270, 26.1232**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.4920, -50.0356, -4.8165**, and **139.1370, -68.5945, -25.5531** is the 20% darker color. If you saturate the color by 10%, you get **192.0610, -70.0361, -29.8715**, and if you desaturate by 10%, it is **203.5130, -52.0179, -22.3749**.

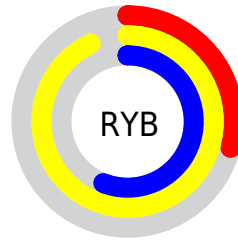
Distribution



Red (66%)

Green (93%)

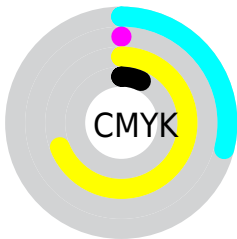
Blue (29%)



Red (29%)

Yellow (93%)

Blue (56%)

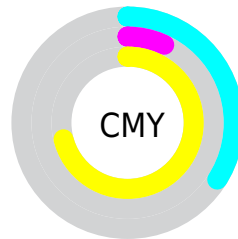


Cyan (29%)

Magenta (0%)

Yellow (69%)

Black (7%)



Cyan (34%)

Magenta (7%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.7870, -61.0270, -26.1232 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 197.7870, -61.0270, -26.1232 by changing the saturation by 10% instead.

■ 197.7870,
-61.0270, -26.1232

■ 197.7870,
-61.0270, -26.1232

■ 255.0000, 0.0000,
0.0000

■ 169.1460,
-62.1900, -26.4380

■ 232.4920,
-50.0356, -4.8165

■ 139.1370,
-68.5945, -25.5531

■ 244.0560,
-41.9326, 9.5979

■ 114.6170,
-56.5062, -29.4821

■ 247.3620,
-29.2655, 6.6985

■ 89.7980, -44.2704,
-34.0258

■ 250.6680,
-16.5983, 3.7992

■ 63.4620, -31.2868,
-45.1322

■ 253.9740, -3.9312,
0.8998

■ 45.1990, -22.2831,
-39.6395

■ 31.1110, -15.3377,

-27.2843

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 197.7870,
-61.0270, -26.1232

■ 197.7870,
-61.0270, -26.1232

■ 192.0610,
-70.0361, -29.8715

■ 203.5130,
-52.0179, -22.3749

■ 186.4490,
-78.6084, -33.7198

■ 209.1250,
-43.4456, -18.5266

■ 180.7230,
-87.6174, -37.4681

■ 214.8510,
-34.4365, -14.7783

■ 180.0820,
-88.7804, -37.7829

■ 220.5770,
-25.4275, -11.0300

■ 226.1890,
-16.8552, -7.1818

■ 231.9150, -7.8461,
-3.4335

■ 237.6410, 1.1630,
0.3148

■ 242.3410, 6.2409,
4.9629

■ 244.4340, 5.2090,
9.2664

Harmonies

Analogous

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



204.9340, -83.7775, 37.7689



197.7870, -61.0270, -26.1232



162.5790, -9.1594, -142.5818

Triad

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



197.7870, -61.0270, -26.1232



171.7110, 41.0615, -150.5905



183.0660, 13.7715, 63.0861

Complementary

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



197.7870, -61.0270, -26.1232



113.2130, 61.0270, 26.1232

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.



198.0610, 28.0709, 49.9355



197.7870, -61.0270, -26.1232



159.9710, 46.8493, -140.2946

Square

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



197.7870, -61.0270, -26.1232



177.5810, 38.1676, -155.7385



210.5440, 21.9168, 17.0629



182.6200, -23.4767, 63.4773

Rectangle

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



197.7870, -61.0270, -26.1232



170.9690, 12.8333, -149.9398



210.5440, 21.9168, 17.0629



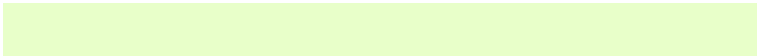
187.3180, 24.9862, 59.3571

Sweetspot

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



197.7870, -61.0270, -26.1232



241.9670, -20.1967, -8.7411



162.6530, -43.7059, 65.2023



120.1660, -11.9138, -5.4076



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.



197.7870, -61.0270, -26.1232



203.9220, -79.3345, -34.1346



173.8670, -49.2344, -75.3054



114.2510, -4.0677, -1.9741



137.3430, -67.7101, -29.2418



40.9670, -20.1967, -8.7411

Inverse Universe

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



113.2130, 61.0270, 26.1232



94.0780, 79.3345, 34.1346



137.1330, 49.2344, 75.3054



108.7490, 4.0677, 1.9741



43.6570, 67.7101, 29.2418



13.0330, 20.1967, 8.7411

Previews

White Background



This preview shows how the YUV color 197.7870, -61.0270, -26.1232 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 197.7870, -61.0270, -26.1232 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 197.7870, -61.0270, -26.1232 Background



This preview shows how black text looks on a background with the YUV color 197.7870, -61.0270, -26.1232.



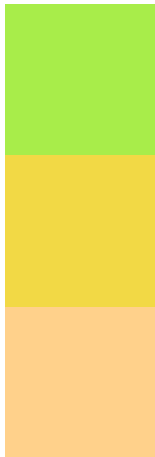
This preview shows how white text looks on a background with the YUV color 197.7870, -61.0270, -26.1232.

-26.1232.

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

197.7870, -61.0270, -26.1232

Protanopia

207.6030, -68.3313, 30.1662

Deuteranopia

214.7740, -37.3566, 35.2782



Tritanopia

213.4840, 12.5794, -21.4725

Trichromacy



Original Color

197.7870, -61.0270, -26.1232

Protanomaly

203.8670, -65.5034, 9.7636

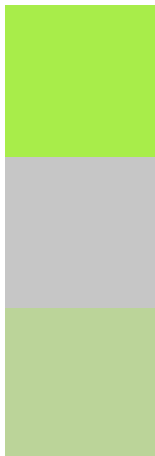
Deuteranomaly

208.3400, -46.0166, 12.8568

Tritanomaly

207.7740, -14.1856, -23.4808

Monochromacy



Original Color

197.7870, -61.0270, -26.1232

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

197.7990, -22.0859, -9.4707

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.7870, -61.0270, -26.1232 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(168, 237, 74)` looks like.

```
.text, #text, p{  
    color:rgb(168, 237, 74)  
}
```

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(168, 237, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 237, 74) }
```

Border

The CSS property to change the border of an element to YUV 197.7870, -61.0270, -26.1232 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(168, 237, 74) }
```


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

```
.border{ border-color:rgb(168, 237, 74) }
```

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

Here you see how a box with a 4 pixel rgb(168, 237, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 237, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 237, 74);  
box-shadow:4px 4px 4px 4px rgb(168, 237,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 197.7870, -61.0270, -26.1232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 237, 74) }
```

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

```
.background{ background-color: rgb(168,  
237, 74) }
```

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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