

Converting Colors

YUV(127.3890, -20.8978,
-110.8432)

Have a look what the booklet for
YUV(127.3890, -20.8978, -110.8432)
contains.

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Color

**YUV(127.3890, -20.8978,
-110.8432)**

Conversions

Conversions Part 1

Format	Color
Hex	01C855
RGB	1, 200, 85
RGB Percent	0%, 78%, 33%
CMY	0.9961, 0.2157, 0.6667
CMYK	0.99, 0.00, 0.58, 0.22
HSL	145°, 99%, 39%
HSV	145°, 100%, 78%
XYZ	22.3065, 41.9709, 15.5198
YIQ	127.3890, -81.6890, -77.9530

Conversions

Conversions Part 2

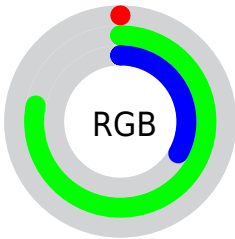
Format	Color
RYB	1, 141, 200
Decimal	116821
CIELab	70.85, -65.94, 45.27
CIELCh	71, 79.986, 145.531
Yxy	41.9709, 0.2795, 0.5260
Android (android.graphics.Color)	4278306901 (0xFF01C855)
YUV	127.3890, -20.8978, -110.8432
Hunter-Lab	64.7849, -51.9132, 31.1460

Details

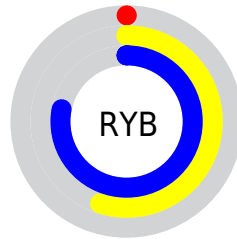
The YUV color **127.3890, -20.8978, -110.8432** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **73.6110, 20.8978, 110.8432**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.6160, -28.4047, -82.9782**, and **88.2900, -27.2580, -77.4303** is the 20% darker color. If you saturate the color by 10%, you get **126.9760, -21.1872, -111.3580**, and if you desaturate by 10%, it is **134.7370, -18.6043, -99.7473**.

Distribution



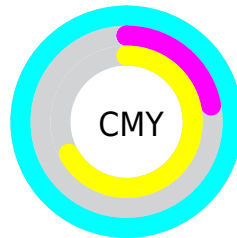
- Red (0%)
- Green (78%)
- Blue (33%)



- Red (0%)
- Yellow (55%)
- Blue (78%)



- Cyan (99%)
- Magenta (0%)
- Yellow (58%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.3890, -20.8978, -110.8432 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 127.3890, -20.8978, -110.8432 by changing the saturation by 10% instead.

■ 127.3890,
-20.8978, -110.8432

■ 127.3890,
-20.8978, -110.8432

255.0000, 0.0000,
0.0000

■ 107.6900,
-24.0042, -94.4441

■ 195.6160,
-28.4047, -82.9782

■ 88.2900, -27.2580,
-77.4303

■ 208.5610,
-21.4756, -65.3900

■ 68.6790, -33.8587,
-60.2315

■ 221.0220,
-13.8148, -49.1313

■ 53.4170, -26.3346,
-46.8467

■ 233.4830, -6.1541,
-32.8726

■ 38.7420, -19.0998,
-33.9767

■ 245.7590, 2.0908,
-17.3286

■ 24.6540, -12.1544,
-21.6216

■ 3.5220, -1.7363,

-3.0888

■ 0.0000, 0.0000,
0.0000

■ 127.3890,
-20.8978, -110.8432

■ 127.3890,
-20.8978, -110.8432

■ 126.9760,
-21.1872, -111.3580

■ 134.7370,
-18.6043, -99.7473

■ 141.9710,
-16.7477, -88.5516

■ 149.3190,
-14.4543, -77.4558

■ 156.5530,
-12.5976, -66.2600

■ 163.9010,
-10.3042, -55.1642

■ 171.1350, -8.4476,
-43.9684

■ 178.4830, -6.1541,
-32.8726

■ 185.7170, -4.2975,
-21.6768

■ 193.0650, -2.0040,
-10.5810

Harmonies

Analogous

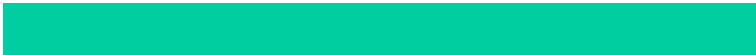
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



154.3090, -76.0743, -6.4100



127.3890, -20.8978, -110.8432



139.1620, 10.2731, -122.0451

Triad

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



127.3890, -20.8978, -110.8432



137.6650, 57.8462, -120.7322



150.9900, -17.7431, 91.2168

Complementary

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



127.3890, -20.8978, -110.8432



73.6110, 20.8978, 110.8432

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.



154.6160, 16.4583, 88.0368



127.3890, -20.8978, -110.8432



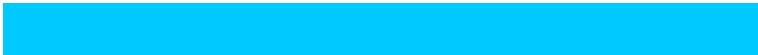
166.6550, 43.5541, -16.3604

Square

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



127.3890, -20.8978, -110.8432



147.0570, 53.2159, -128.9690



176.6080, 38.6473, 64.3648



161.6630, -55.5429, 81.8565

Rectangle

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



127.3890, -20.8978, -110.8432



145.4490, 31.8236, -127.5588



176.6080, 38.6473, 64.3648



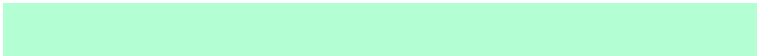
149.6170, -5.2342, 92.4209

Sweetspot

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



127.3890, -20.8978, -110.8432



227.2600, -8.0162, -42.3240



152.4970, -74.6880, -31.1309



111.1680, -5.0128, -25.5803



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.



127.3890, -20.8978, -110.8432



161.9970, -26.6205, -142.0714



138.5610, 21.9084, -120.6410



95.7390, -0.8573, -5.0331



103.5470, -17.0317, -90.8107



22.8420, -3.8661, -20.0324

Inverse Universe

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



73.6110, 20.8978, 110.8432



93.0030, 26.6205, 142.0714



62.4390, -21.9084, 120.6410



93.2610, 0.8573, 5.0331



59.4530, 17.0317, 90.8107



13.1580, 3.8661, 20.0324

Previews

White Background



This preview shows how the YUV color 127.3890, -20.8978, -110.8432 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 127.3890, -20.8978, -110.8432 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 127.3890, -20.8978, -110.8432 Background



This preview shows how black text looks on a background with the YUV color 127.3890, -20.8978, -110.8432.



This preview shows how white text looks on a background with the YUV color 127.3890, -20.8978, -110.8432.

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

127.3890, -20.8978, -110.8432

Protanopia

166.7370, -44.7333, 21.2787

Deuteranopia

169.8880, -36.9198, 35.1782



Tritanopia

157.1190, 22.6193, -68.5104

Trichromacy



Original Color

127.3890, -20.8978, -110.8432



Protanomaly

152.3180, -36.1458, -26.5889



Deuteranomaly

154.3390, -31.2261, -17.8373



Tritanomaly

146.1930, 6.8069, -83.4843

Monochromacy



Original Color

127.3890, -20.8978, -110.8432



Achromatopsia

127.0000, 0.0000, 0.0000



Achromatomaly

127.3850, -7.5848, -40.6796

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.3890, -20.8978, -110.8432 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(1, 200, 85)` looks like.

```
.text, #text, p{  
    color:rgb(1, 200, 85)  
}
```

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(1, 200, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 200, 85) }
```

Border

The CSS property to change the border of an element to YUV 127.3890, -20.8978, -110.8432 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(1, 200, 85) }
```


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

```
.border{ border-color:rgb(1, 200, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 200, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 200, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 200, 85);  
box-shadow:4px 4px 4px 4px rgb(1, 200, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 127.3890, -20.8978, -110.8432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 200, 85) }
```

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

```
.background{ background-color: rgb(1, 200,  
85) }
```

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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