

Converting Colors

YUV(126.3810, -62.3058,
-82.7721)

Have a look what the booklet for
YUV(126.3810, -62.3058, -82.7721)
contains.

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Color

**YUV(126.3810, -62.3058,
-82.7721)**

Conversions

Conversions Part 1

Format	Color
Hex	20C700
RGB	32, 199, 0
RGB Percent	13%, 78%, 0%
CMY	0.8745, 0.2196, 1.0000
CMYK	0.84, 0.00, 1.00, 0.22
HSL	110°, 100%, 39%
HSV	110°, 100%, 78%
XYZ	21.0191, 41.1539, 6.8357
YIQ	126.3810, -35.6530, -97.2930

Conversions

Conversions Part 2

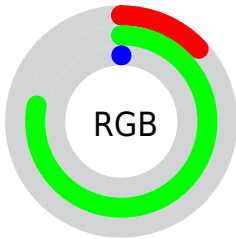
Format	Color
RYB	0, 199, 167
Decimal	2148096
CIELab	70.28, -69.55, 69.28
CIELCh	70, 98.165, 135.113
Yxy	41.1539, 0.3046, 0.5964
Android (android.graphics.Color)	4280338176 (0xFF20C700)
YUV	126.3810, -62.3058, -82.7721
Hunter-Lab	64.1513, -53.7796, 38.5882

Details

The YUV color **126.3810, -62.3058, -82.7721** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **72.6190, 62.3058, 82.7721**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.2930, -55.3604, -70.4170**, and **83.9410, -41.3829, -73.6163** is the 20% darker color. If you saturate the color by 10%, you get **126.3810, -62.3058, -82.7721**, and if you desaturate by 10%, it is **133.7440, -56.0758, -74.3205**.

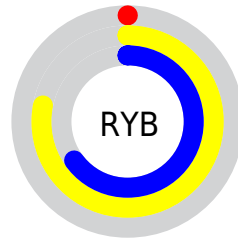
Distribution



Red (13%)

Green (78%)

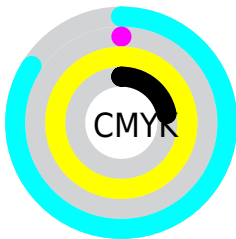
Blue (0%)



Red (0%)

Yellow (78%)

Blue (65%)

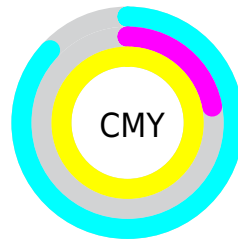


Cyan (84%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (87%)

Magenta (22%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.3810, -62.3058, -82.7721 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 126.3810, -62.3058, -82.7721 by changing the saturation by 10% instead.

■ 126.3810,
-62.3058, -82.7721

■ 126.3810,
-62.3058, -82.7721

■ 255.0000, 0.0000,
0.0000

■ 100.3770,
-49.4859, -88.0306

■ 192.2930,
-55.3604, -70.4170

■ 83.9410, -41.3829,
-73.6163

■ 205.1670,
-47.4103, -53.6435

■ 68.0920, -33.5694,
-59.7167

■ 218.0410,
-39.4602, -36.8700

■ 52.8300, -26.0452,
-46.3319

■ 230.5020,
-31.7995, -20.6113

■ 38.1550, -18.8104,
-33.4619

■ 243.0770,
-23.7020, -4.4525

■ 24.0670, -11.8650,
-21.1068

■ 251.4660,

■ 1.1740, -0.5788,

-13.5407, 3.0993

-1.0296

254.8860, -0.4368,
0.1000

■ 0.0000, 0.0000,
0.0000

■ 126.3810,
-62.3058, -82.7721

■ 133.7440,
-56.0758, -74.3205

■ 140.8080,
-49.6983, -66.4836

■ 148.1710,
-43.4683, -58.0320

■ 155.5340,
-37.2383, -49.5803

■ 162.8970,
-31.0082, -41.1287

■ 169.8470,
-25.0676, -33.1918

■ 177.2100,
-18.8375, -24.7402

■ 184.5730,
-12.6075, -16.2885

■ 191.6370, -6.2300,
-8.4516

Harmonies

Analogous

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



156.4680, -77.1387, 8.3596



126.3810, -62.3058, -82.7721



135.4170, -6.6146, -118.7607

Triad

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



126.3810, -62.3058, -82.7721



143.5350, 54.9522, -125.8802



121.1160, 4.8728, 117.4163

Complementary

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



126.3810, -62.3058, -82.7721



72.6190, 62.3058, 82.7721

Split Complementary

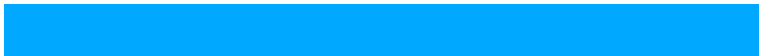
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



139.4800, 39.6964, 101.3110



126.3810, -62.3058, -82.7721



127.6860, 62.7658, -111.9806

Square

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



126.3810, -62.3058, -82.7721



150.5790, 51.4796, -132.0578



169.7420, 42.0322, 51.9693



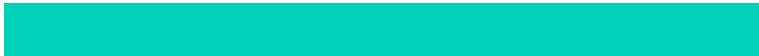
142.7820, -49.1925, 98.4152

Rectangle

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



126.3810, -62.3058, -82.7721



144.3600, 20.0355, -126.6037



169.7420, 42.0322, 51.9693



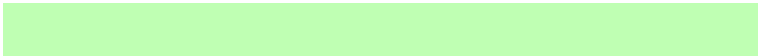
119.8400, 20.2919, 118.5353

Sweetspot

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



126.3810, -62.3058, -82.7721



227.2000, -23.7626, -31.7474



156.9430, -77.3729, 36.8840



111.0950, -14.3438, -19.3773



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.



126.3810, -62.3058, -82.7721



161.9440, -79.8384, -106.0679



124.3370, -28.7601, -109.0435



95.5820, -2.7519, -4.0184



103.4550, -51.0033, -67.9280



22.9260, -11.3025, -14.8441

Inverse Universe

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



72.6190, 62.3058, 82.7721



93.0560, 79.8384, 106.0679



74.6630, 28.7601, 109.0435



93.4180, 2.7519, 4.0184



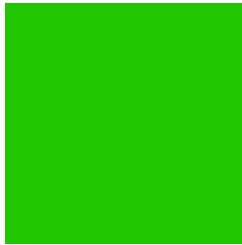
59.5450, 51.0033, 67.9280



13.0740, 11.3025, 14.8441

Previews

White Background



This preview shows how the YUV color 126.3810, -62.3058, -82.7721 looks on a white background.

Color Contrast Check

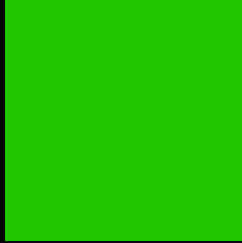
Large Text (above 18pt) WCAG AA × Fail

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 126.3810, -62.3058, -82.7721 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 126.3810, -62.3058, -82.7721 Background



This preview shows how black text looks on a background with the YUV color 126.3810, -62.3058, -82.7721.



This preview shows how white text looks on a background with the YUV color 126.3810, -62.3058, -82.7721.

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

126.3810, -62.3058, -82.7721

Protanopia

157.7850, -77.7880, 30.0066

Deuteranopia

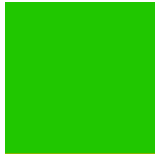
163.9820, -59.6441, 43.8658



Tritanopia

157.7070, 20.8504, -61.1330

Trichromacy



Original Color

126.3810, -62.3058, -82.7721



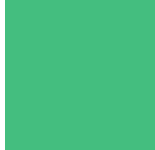
Protanomaly

146.3130, -72.1323, -10.7985



Deuteranomaly

150.0550, -60.6661, -1.8022



Tritanomaly

146.3400, -9.5346, -68.7042

Monochromacy



Original Color

126.3810, -62.3058, -82.7721



Achromatopsia

126.0000, 0.0000, 0.0000



Achromatomaly

126.4390, -22.8944, -30.2030

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.3810, -62.3058, -82.7721 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(32, 199, 0)` looks like.

```
.text, #text, p{  
    color:rgb(32, 199, 0)  
}
```

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(32, 199, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 199, 0) }
```

Border

The CSS property to change the border of an element to YUV 126.3810, -62.3058, -82.7721 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(32, 199, 0) }
```


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

```
.border{ border-color:rgb(32, 199, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 199, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 199, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 199, 0);  
box-shadow:4px 4px 4px 4px rgb(32, 199, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 126.3810, -62.3058, -82.7721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 199, 0) }
```

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

```
.background{ background-color: rgb(32, 199,  
0) }
```

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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