

Converting Colors

YUV(127.4670, -62.8412,
-97.7566)

Have a look what the booklet for
YUV(127.4670, -62.8412, -97.7566)
contains.

YUV(127.4670, -62.8412, -97.7566)	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(127.4670, -62.8412,
-97.7566)**

Conversions

Conversions Part 1

Format	Color
Hex	10D100
RGB	16, 209, 0
RGB Percent	6%, 82%, 0%
CMY	0.9373, 0.1804, 1.0000
CMYK	0.92, 0.00, 1.00, 0.18
HSL	115°, 100%, 41%
HSV	115°, 100%, 82%
XYZ	23.0141, 45.7111, 7.6102
YIQ	127.4670, -47.9390, -105.9150

Conversions

Conversions Part 2

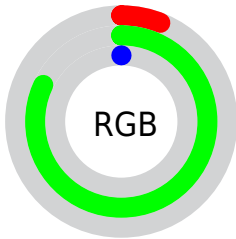
Format	Color
RYB	0, 209, 193
Decimal	1102080
CIELab	73.36, -73.52, 71.68
CIELCh	73, 102.682, 135.726
Yxy	45.7111, 0.3015, 0.5988
Android (android.graphics.Color)	4279292160 (0xFF10D100)
YUV	127.4670, -62.8412, -97.7566
Hunter-Lab	67.6100, -57.5568, 40.6533

Details

The YUV color **127.4670, -62.8412, -97.7566** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **81.5330, 62.8412, 97.7566**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.9230, -54.1920, -71.8465**, and **89.8110, -44.2768, -78.7642** is the 20% darker color. If you saturate the color by 10%, you get **127.4670, -62.8412, -97.7566**, and if you desaturate by 10%, it is **135.5420, -56.4692, -88.1753**.

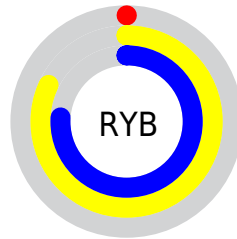
Distribution



Red (6%)

Green (82%)

Blue (0%)



Red (0%)

Yellow (82%)

Blue (76%)

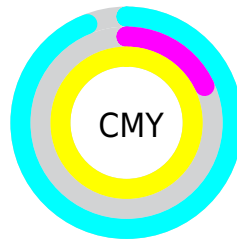


Cyan (92%)

Magenta (0%)

Yellow (100%)

Black (18%)



Cyan (94%)

Magenta (18%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.4670, -62.8412, -97.7566 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 127.4670, -62.8412, -97.7566 by changing the saturation by 10% instead.

■ 127.4670,
-62.8412, -97.7566

■ 127.4670,
-62.8412, -97.7566

■ 255.0000, 0.0000,
0.0000

■ 106.2470,
-52.3798, -93.1786

■ 191.9230,
-54.1920, -71.8465

■ 89.8110, -44.2768,
-78.7642

■ 205.2100,
-45.9525, -54.5582

■ 73.3750, -36.1739,
-64.3499

■ 217.9700,
-38.4392, -37.6847

■ 58.1130, -28.6497,
-50.9651

■ 230.5450,
-30.3417, -21.5260

■ 42.8510, -21.1255,
-37.5803

■ 243.4190,
-22.3916, -4.7525

■ 28.7630, -14.1802,
-25.2252

■ 251.9220,

■ 11.7400, -5.7878,

-11.7935, 2.6994

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 127.4670,
-62.8412, -97.7566

■ 135.5420,
-56.4692, -88.1753

■ 143.9160,
-50.2446, -77.9793

■ 151.9910,
-43.8726, -68.3981

■ 160.0660,
-37.5005, -58.8169

■ 168.4400,
-31.2759, -48.6209

■ 176.4010,
-25.3407, -38.9397

■ 184.4760,
-18.9687, -29.3585

■ 192.5510,
-12.5966, -19.7772

■ 200.9250, -6.3720,
-9.5812

Harmonies

Analogous

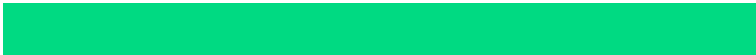
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



163.5450, -80.6277, 7.4150



127.4670, -62.8412, -97.7566



142.7860, -6.3035, -125.2233

Triad

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



127.4670, -62.8412, -97.7566



148.8180, 52.3477, -130.5134



121.5720, 6.6200, 117.0164

Complementary

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



127.4670, -62.8412, -97.7566



81.5330, 62.8412, 97.7566

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.



139.9190, 43.9169, 100.9260



127.4670, -62.8412, -97.7566



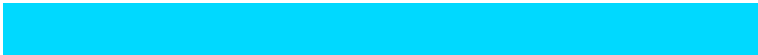
131.7950, 60.7401, -115.5842

Square

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



127.4670, -62.8412, -97.7566



156.4490, 48.5856, -137.2058



176.2760, 38.8109, 58.5169



146.0760, -51.8025, 95.5263

Rectangle

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



127.4670, -62.8412, -97.7566



151.4840, 21.9464, -132.8515



176.2760, 38.8109, 58.5169



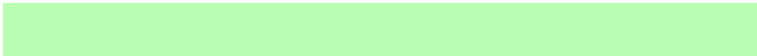
118.6490, 23.3440, 119.5798

Sweetspot

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



127.4670, -62.8412, -97.7566



225.1070, -22.7308, -36.0508



175.1950, -86.3711, 29.6470



109.8990, -13.7542, -21.8364



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.



127.4670, -62.8412, -97.7566



155.6650, -76.7428, -118.9782



132.6010, -22.4813, -116.2911



100.7560, -3.3307, -5.0480



102.5030, -50.5340, -78.4941



24.9640, -12.3073, -19.2624

Inverse Universe

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



81.5330, 62.8412, 97.7566



99.3350, 76.7428, 118.9782



76.3990, 22.4813, 116.2911



98.2440, 3.3307, 5.0480



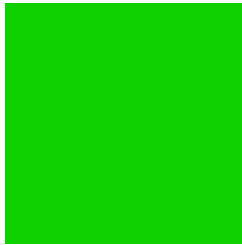
65.4970, 50.5340, 78.4941



16.0360, 12.3073, 19.2624

Previews

White Background



This preview shows how the YUV color 127.4670, -62.8412, -97.7566 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 127.4670, -62.8412, -97.7566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

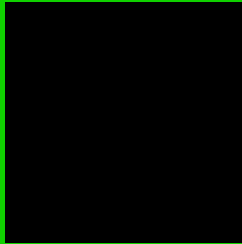
Any Text WCAG AA ✓ Pass

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 127.4670, -62.8412, -97.7566 Background



This preview shows how black text looks on a background with the YUV color 127.4670, -62.8412, -97.7566.



This preview shows how white text looks on a background with the YUV color 127.4670, -62.8412, -97.7566.

-97.7566.

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

127.4670, -62.8412, -97.7566

Protanopia

165.1720, -81.4298, 31.4212

Deuteranopia

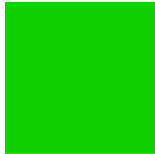
171.3090, -62.2703, 46.2100



Tritanopia

164.4290, 22.4665, -66.1512

Trichromacy



Original Color

127.4670, -62.8412, -97.7566



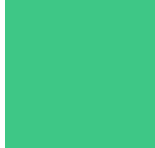
Protanomaly

151.5960, -74.7368, -15.4317



Deuteranomaly

155.5660, -62.3970, -6.6354



Tritanomaly

150.6270, -8.1971, -77.7259

Monochromacy



Original Color

127.4670, -62.8412, -97.7566



Achromatopsia

127.0000, 0.0000, 0.0000



Achromatomaly

127.4060, -22.8782, -35.4361

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.4670, -62.8412, -97.7566 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(16, 209, 0)` looks like.

```
.text, #text, p{  
    color:rgb(16, 209, 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(16, 209, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 209, 0) }
```

Border

The CSS property to change the border of an element to YUV 127.4670, -62.8412, -97.7566 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(16, 209, 0) }
```


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

```
.border{ border-color:rgb(16, 209, 0) }
```

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

Here you see how a box with a 4 pixel rgb(16, 209, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 209, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 209, 0);  
box-shadow:4px 4px 4px 4px rgb(16, 209, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 127.4670, -62.8412, -97.7566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 209, 0) }
```

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

```
.background{ background-color: rgb(16, 209,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor