

Converting Colors

YUV(112.7150, -55.5685,
-97.0971)

Have a look what the booklet for
YUV(112.7150, -55.5685, -97.0971)
contains.

YUV(112.7150, -55.5685, -97.0971)	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>	30

Color

**YUV(112.7150, -55.5685,
-97.0971)**

Conversions

Conversions Part 1

Format	Color
Hex	02BF00
RGB	2, 191, 0
RGB Percent	1%, 75%, 0%
CMY	0.9922, 0.2510, 1.0000
CMYK	0.99, 0.00, 1.00, 0.25
HSL	119°, 100%, 37%
HSV	119°, 100%, 75%
XYZ	18.6558, 37.2745, 6.2114
YIQ	112.7150, -51.3330, -99.4690

Conversions

Conversions Part 2

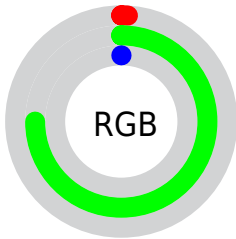
Format	Color
RYB	0, 191, 189
Decimal	179968
CIELab	67.48, -69.26, 66.94
CIELCh	67, 96.325, 135.974
Yxy	37.2745, 0.3002, 0.5998
Android (android.graphics.Color)	4278370048 (0xFF02BF00)
YUV	112.7150, -55.5685, -97.0971
Hunter-Lab	61.0529, -52.2985, 36.7049

Details

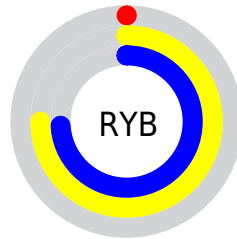
The YUV color **112.7150, -55.5685, -97.0971** is a dark color, and the websafe version is hex **33CC00**. A complement of this color would be **78.2850, 55.5685, 97.0971**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.5530, -53.0236, -73.2760**, and **79.8320, -39.3572, -70.0127** is the 20% darker color. If you saturate the color by 10%, you get **112.7150, -55.5685, -97.0971**, and if you desaturate by 10%, it is **120.5620, -50.0701, -87.3159**.

Distribution



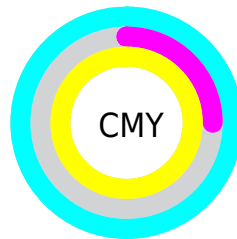
- Red (1%)
- Green (75%)
- Blue (0%)



- Red (0%)
- Yellow (75%)
- Blue (74%)



- Cyan (99%)
- Magenta (0%)
- Yellow (100%)
- Black (25%)



- Cyan (99%)
- Magenta (25%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.7150, -55.5685, -97.0971 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 112.7150, -55.5685, -97.0971 by changing the saturation by 10% instead.

■ 112.7150,
-55.5685, -97.0971

■ 112.7150,
-55.5685, -97.0971

255.0000, 0.0000,
0.0000

■ 95.6810, -47.1707,
-83.9122

■ 185.5530,
-53.0236, -73.2760

■ 79.8320, -39.3572,
-70.0127

■ 201.9490,
-46.8099, -59.5913

■ 63.9830, -31.5436,
-56.1131

■ 214.7090,
-39.2965, -42.7178

■ 48.7210, -24.0195,
-42.7283

■ 227.2840,
-31.1990, -26.5591

■ 34.6330, -17.0741,
-30.3731

■ 239.7450,
-23.5383, -10.3004

■ 19.3710, -9.5499,
-16.9884

■ 251.2380,

■ 0.0000, 0.0000,

-14.4143, 3.2993

0.0000

254.5440, -1.7472,
0.3999

■ 112.7150,
-55.5685, -97.0971

■ 120.5620,
-50.0701, -87.3159

■ 128.4090,
-44.5716, -77.5347

■ 136.2560,
-39.0732, -67.7535

■ 144.1030,
-33.5748, -57.9723

■ 152.0640,
-27.6396, -48.2911

■ 159.6120,
-21.9937, -39.1247

■ 167.4590,
-16.4953, -29.3435

■ 175.3060,
-10.9969, -19.5624

■ 183.1530, -5.4984,
-9.7812

Harmonies

Analogous

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



149.3690, -73.6389, 5.8154



112.7150, -55.5685, -97.0971



130.3790, -5.6098, -114.3424

Triad

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



112.7150, -55.5685, -97.0971



138.8390, 57.2674, -121.7618



116.5680, 2.6780, 121.4049

Complementary

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



112.7150, -55.5685, -97.0971



78.2850, 55.5685, 97.0971

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.



132.9430, 37.4961, 107.0440



112.7150, -55.5685, -97.0971



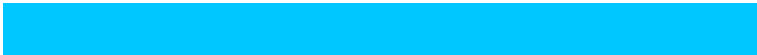
122.4030, 65.3703, -107.3474

Square

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



112.7150, -55.5685, -97.0971



145.8830, 53.7947, -127.9394



163.2520, 45.2318, 52.3990



139.5220, -51.5293, 101.2742

Rectangle

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



112.7150, -55.5685, -97.0971



138.5070, 20.4560, -121.4706



163.2520, 45.2318, 52.3990



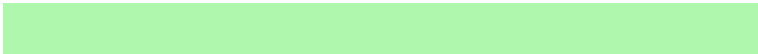
113.4170, 18.5284, 124.1683

Sweetspot

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



112.7150, -55.5685, -97.0971



216.7370, -21.5623, -37.4803



167.4650, -82.5602, 20.6402



106.4150, -13.0226, -23.1660



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



112.7150, -55.5685, -97.0971



145.8860, -71.9218, -125.3110



122.6050, -15.0883, -107.5246



90.2830, -2.6045, -4.6332



93.3440, -46.0186, -80.1087



18.1970, -8.9711, -15.9588

Inverse Universe

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



78.2850, 55.5685, 97.0971



101.4130, 71.7744, 125.9258



68.3950, 15.0883, 107.5246



88.7170, 2.6045, 4.6332



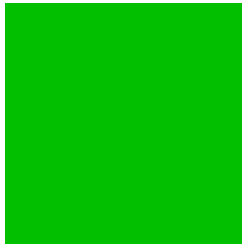
64.6560, 46.0186, 80.1087



12.5040, 9.1185, 15.3440

Previews

White Background



This preview shows how the YUV color 112.7150, -55.5685, -97.0971 looks on a white background.

Color Contrast Check

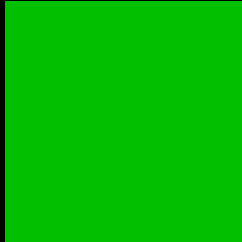
Large Text (above 18pt) WCAG AA × Fail

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 112.7150, -55.5685, -97.0971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

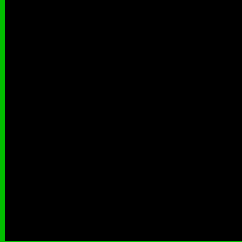
Any Text WCAG AA ✓ Pass

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 112.7150, -55.5685, -97.0971 Background



This preview shows how black text looks on a background with the YUV color 112.7150, -55.5685, -97.0971.



This preview shows how white text looks on a background with the YUV color 112.7150, -55.5685, -97.0971.

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



Protanopia

151.2840, -74.5830, 28.6919

Deuteranopia

156.9540, -57.1653, 42.1363

Tritanopia

150.2940, 20.5611, -61.6478

Trichromacy



Protanomaly

137.4200, -67.7481, -17.0313

Deuteranomaly

140.7490, -56.5713, -8.5499

Tritanomaly

136.8770, -7.3344, -74.4371

Monochromacy



Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8020, -20.1154, -34.9064

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.7150, -55.5685, -97.0971 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(2, 191, 0)` looks like.

```
.text, #text, p{  
    color:rgb(2, 191, 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(2, 191, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 191, 0) }
```

Border

The CSS property to change the border of an element to YUV 112.7150, -55.5685, -97.0971 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(2, 191, 0) }
```

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

```
.border{ border-color:rgb(2, 191, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 191, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 191, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 191, 0); box-shadow:4px  
4px 4px 4px rgb(2, 191, 0) }
```


Background

The CSS property to change the background color of an element to YUV 112.7150, -55.5685, -97.0971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 191, 0) }
```

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

```
.background{ background-color: rgb(2, 191,  
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