

Converting Colors

YUV(122.6940, -40.2751,
-102.3406)

Have a look what the booklet for
YUV(122.6940, -40.2751, -102.3406)
contains.

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Color

**YUV(122.6940, -40.2751,
-102.3406)**

Conversions

Conversions Part 1

Format	Color
Hex	06C629
RGB	6, 198, 41
RGB Percent	2%, 78%, 16%
CMY	0.9765, 0.2235, 0.8392
CMYK	0.97, 0.00, 0.79, 0.22
HSL	131°, 94%, 40%
HSV	131°, 97%, 78%
XYZ	20.6694, 40.5870, 8.8425
YIQ	122.6940, -64.0350, -89.5310

Conversions

Conversions Part 2

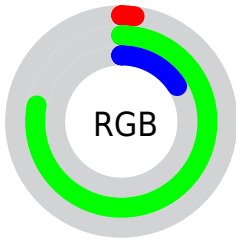
Format	Color
RYB	6, 168, 198
Decimal	443945
CIELab	69.89, -69.52, 61.47
CIELCh	70, 92.797, 138.517
Yxy	40.5870, 0.2949, 0.5790
Android (android.graphics.Color)	4278634025 (0xFF06C629)
YUV	122.6940, -40.2751, -102.3406
Hunter-Lab	63.7079, -53.5762, 36.3662

Details

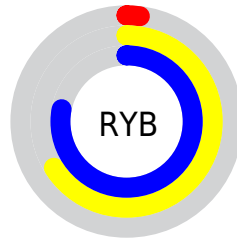
The YUV color **122.6940, -40.2751, -102.3406** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **81.3060, 40.2751, 102.3406**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.0670, -45.8820, -77.2348**, and **83.3540, -41.0935, -73.1015** is the 20% darker color. If you saturate the color by 10%, you get **120.3300, -41.5747, -105.5294**, and if you desaturate by 10%, it is **130.4980, -36.2345, -91.6447**.

Distribution



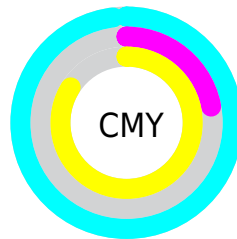
- Red (2%)
- Green (78%)
- Blue (16%)



- Red (2%)
- Yellow (66%)
- Blue (78%)



- Cyan (97%)
- Magenta (0%)
- Yellow (79%)
- Black (22%)



- Cyan (98%)
- Magenta (22%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.6940, -40.2751, -102.3406 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 122.6940, -40.2751, -102.3406 by changing the saturation by 10% instead.

■ 122.6940,
-40.2751, -102.3406

■ 122.6940,
-40.2751, -102.3406

■ 255.0000, 0.0000,
0.0000

■ 99.7900, -49.1965,
-87.5158

■ 192.0670,
-45.8820, -77.2348

■ 83.3540, -41.0935,
-73.1015

■ 204.8270,
-38.3687, -60.3613

■ 67.5050, -33.2800,
-59.2019

■ 217.2880,
-30.7080, -44.1026

■ 52.2430, -25.7558,
-45.8171

■ 229.7490,
-23.0473, -27.8439

■ 37.5680, -18.5210,
-32.9471

■ 242.6230,
-15.0971, -11.0704

■ 23.4800, -11.5756,
-20.5920

■ 253.4040, -6.1152,

■ 0.0000, 0.0000,

1.3997

0.0000

■ 122.6940,
-40.2751, -102.3406

■ 122.6940,
-40.2751, -102.3406

■ 120.3300,
-41.5747, -105.5294

■ 130.4980,
-36.2345, -91.6447

■ 138.3020,
-32.1939, -80.9489

■ 145.9210,
-27.5691, -70.9677

■ 153.7250,
-23.5284, -60.2718

■ 161.5290,
-19.4878, -49.5759

■ 169.3330,
-15.4472, -38.8800

■ 177.1370,
-11.4065, -28.1841

■ 184.7560, -6.7817,
-18.2030

■ 192.5600, -2.7411,
-7.5071

Harmonies

Analogous

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



154.3640, -76.1015, 2.3118



122.6940, -40.2751, -102.3406



135.6110, -0.7942, -118.9308

Triad

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



122.6940, -40.2751, -102.3406



140.6000, 56.3992, -123.3062



131.3570, -4.1200, 108.4349

Complementary

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



122.6940, -40.2751, -102.3406



81.3060, 40.2751, 102.3406

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.



142.1070, 31.9922, 99.0072



122.6940, -40.2751, -102.3406



144.7840, 54.3365, -68.2166

Square

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



122.6940, -40.2751, -102.3406



148.8180, 52.3477, -130.5134



170.3730, 41.7211, 58.4319



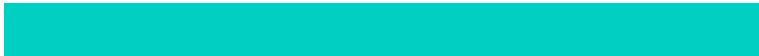
148.3100, -53.3968, 93.5671

Rectangle

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



122.6940, -40.2751, -102.3406



143.5110, 24.3981, -125.8591



170.3730, 41.7211, 58.4319



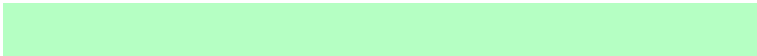
129.8530, 10.4255, 109.7539

Sweetspot

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



122.6940, -40.2751, -102.3406



226.0340, -15.2998, -39.4948



166.5440, -79.1482, -0.4771



110.3270, -9.5282, -23.9658



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.



122.6940, -40.2751, -102.3406



154.9290, -53.7020, -135.8727



133.2960, 0.3471, -111.6386



95.3970, -2.1677, -4.7332



99.1010, -34.0668, -86.9116



21.9300, -7.3605, -19.2326

Inverse Universe

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



81.3060, 40.2751, 102.3406



100.0710, 53.7020, 135.8727



70.7040, -0.3471, 111.6386



93.6030, 2.1677, 4.7332



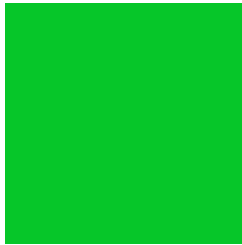
63.8990, 34.0668, 86.9116



14.0700, 7.3605, 19.2326

Previews

White Background



This preview shows how the YUV color 122.6940, -40.2751, -102.3406 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 122.6940, -40.2751, -102.3406 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 122.6940, -40.2751, -102.3406 Background



This preview shows how black text looks on a background with the YUV color 122.6940, -40.2751, -102.3406.



This preview shows how white text looks on a background with the YUV color 122.6940, -40.2751, -102.3406.

-102.3406.

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

122.6940, -40.2751, -102.3406

Protanopia

160.7750, -62.5001, 26.5073

Deuteranopia

164.5070, -52.5080, 41.6514



Tritanopia

155.2120, 21.5875, -64.2069

Trichromacy



Original Color

122.6940, -40.2751, -102.3406



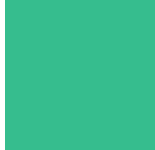
Protanomaly

146.9540, -54.2073, -20.1307



Deuteranomaly

149.0290, -47.8353, -10.5494



Tritanomaly

143.2770, -0.6296, -78.2959

Monochromacy



Original Color

122.6940, -40.2751, -102.3406



Achromatopsia

123.0000, 0.0000, 0.0000



Achromatomaly

122.5720, -14.5790, -37.3356

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.6940, -40.2751, -102.3406 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(6, 198, 41)` looks like.

```
.text, #text, p{  
    color:rgb(6, 198, 41)  
}
```

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(6, 198, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 198, 41) }
```

Border

The CSS property to change the border of an element to YUV 122.6940, -40.2751, -102.3406 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(6, 198, 41) }
```


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

```
.border{ border-color:rgb(6, 198, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 198, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 198, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 198, 41);  
box-shadow:4px 4px 4px 4px rgb(6, 198, 41)  
}
```

Background

The CSS property to change the background color of an element to YUV 122.6940, -40.2751, -102.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 198, 41) }
```

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

```
.background{ background-color: rgb(6, 198,  
41) }
```

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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