

Converting Colors

YUV(124.2400, -31.6703,
-108.9585)

Have a look what the booklet for
YUV(124.2400, -31.6703, -108.9585)
contains.

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Color

**YUV(124.2400, -31.6703,
-108.9585)**

Conversions

Conversions Part 1

Format	Color
Hex	00C83C
RGB	0, 200, 60
RGB Percent	0%, 78%, 24%
CMY	1.0000, 0.2157, 0.7647
CMYK	1.00, 0.00, 0.70, 0.22
HSL	138°, 100%, 39%
HSV	138°, 100%, 78%
XYZ	21.4699, 41.6348, 11.1797
YIQ	124.2400, -74.2600, -85.9400

Conversions

Conversions Part 2

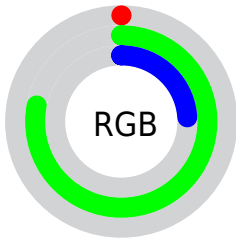
Format	Color
RYB	0, 154, 200
Decimal	51260
CIELab	70.62, -68.85, 55.69
CIELCh	71, 88.550, 141.031
Yxy	41.6348, 0.2890, 0.5605
Android (android.graphics.Color)	4278241340 (0xFF00C83C)
YUV	124.2400, -31.6703, -108.9585
Hunter-Lab	64.5250, -53.5252, 34.8948

Details

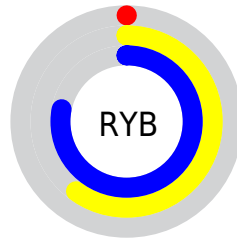
The YUV color **124.2400, -31.6703, -108.9585** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **75.7600, 31.6703, 108.9585**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.1790, -39.0352, -79.9640**, and **84.5280, -41.6723, -74.1311** is the 20% darker color. If you saturate the color by 10%, you get **124.2400, -31.6703, -108.9585**, and if you desaturate by 10%, it is **131.8160, -28.5033, -98.0626**.

Distribution



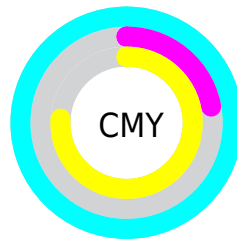
- Red (0%)
- Green (78%)
- Blue (24%)



- Red (0%)
- Yellow (60%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (70%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.2400, -31.6703, -108.9585 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 124.2400, -31.6703, -108.9585 by changing the saturation by 10% instead.

■ 124.2400,
-31.6703, -108.9585

■ 124.2400,
-31.6703, -108.9585

255.0000, 0.0000,
0.0000

■ 104.3840,
-36.6713, -91.5448

■ 193.1790,
-39.0352, -79.9640

■ 84.5280, -41.6723,
-74.1311

■ 206.2380,
-31.6693, -62.4757

■ 68.6790, -33.8587,
-60.2315

■ 218.5850,
-24.4454, -46.1170

■ 53.4170, -26.3346,
-46.8467

■ 231.1600,
-16.3479, -29.9583

■ 38.7420, -19.0998,
-33.9767

■ 243.7350, -8.2504,
-13.7996

■ 24.6540, -12.1544,
-21.6216

■ 2.3480, -1.1576,

-2.0592

■ 0.0000, 0.0000,
0.0000

■ 124.2400,
-31.6703, -108.9585

■ 131.8160,
-28.5033, -98.0626

■ 139.3920,
-25.3363, -87.1668

■ 146.9680,
-22.1692, -76.2709

■ 154.5440,
-19.0022, -65.3751

■ 162.1200,
-15.8352, -54.4792

■ 169.6960,
-12.6681, -43.5834

■ 177.2720, -9.5011,
-32.6875

■ 184.8480, -6.3341,
-21.7917

■ 192.4240, -3.1670,
-10.8958

Harmonies

Analogous

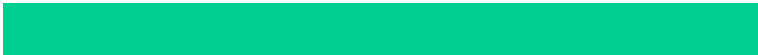
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



155.2280, -76.5274, -1.0770



124.2400, -31.6703, -108.9585



138.0390, 3.4318, -121.0602

Triad

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



124.2400, -31.6703, -108.9585



140.6000, 56.3992, -123.3062



139.8200, -9.7713, 101.0129

Complementary

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



124.2400, -31.6703, -108.9585



75.7600, 31.6703, 108.9585

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.



147.2930, 26.4776, 94.4590



124.2400, -31.6703, -108.9585



156.4560, 48.5822, -42.4959

Square

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



124.2400, -31.6703, -108.9585



148.8180, 52.3477, -130.5134



173.0530, 40.3999, 62.2205



153.8210, -55.1278, 88.7340

Rectangle

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



124.2400, -31.6703, -108.9585



145.0100, 27.6031, -127.1738



173.0530, 40.3999, 62.2205



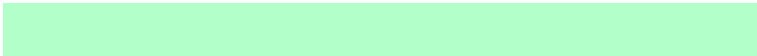
138.7890, 4.0480, 101.9170

Sweetspot

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



124.2400, -31.6703, -108.9585



226.1200, -12.3842, -41.3242



159.2600, -78.5152, -16.8910



110.4840, -7.6336, -24.9805



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.



124.2400, -31.6703, -108.9585



158.4630, -40.1613, -138.9721



135.6400, 12.0095, -118.9563



95.5110, -1.7309, -4.8331



101.2670, -25.7676, -88.8112



22.3860, -5.6133, -19.6325

Inverse Universe

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



75.7600, 31.6703, 108.9585



96.6510, 40.5981, 138.8721



64.3600, -12.0095, 118.9563



93.3750, 1.2941, 4.9331



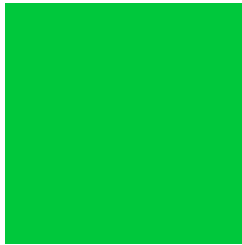
61.7330, 25.7676, 88.8112



13.6140, 5.6133, 19.6325

Previews

White Background



This preview shows how the YUV color 124.2400, -31.6703, -108.9585 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 124.2400, -31.6703, -108.9585 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 124.2400, -31.6703, -108.9585 Background



This preview shows how black text looks on a background with the YUV color 124.2400, -31.6703, -108.9585.



This preview shows how white text looks on a background with the YUV color 124.2400, -31.6703, -108.9585.

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

164.3000, -55.3639, 24.2929

Deuteranopia

167.6900, -46.6822, 39.7369

Tritanopia

157.3150, 22.0297, -66.0513

Trichromacy



Protanomaly

149.5820, -46.6289, -24.1894

Deuteranomaly

151.7280, -41.2779, -13.7935

Tritanomaly

145.3520, 2.2915, -81.8697

Monochromacy



Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.3590, -11.5160, -39.7798

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.2400, -31.6703, -108.9585 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(0, 200, 60)` looks like.

```
.text, #text, p{  
    color:rgb(0, 200, 60)  
}
```

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(0, 200, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 200, 60) }
```

Border

The CSS property to change the border of an element to YUV 124.2400, -31.6703, -108.9585 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(0, 200, 60) }
```

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

```
.border{ border-color:rgb(0, 200, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 200, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 200, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 200, 60);  
box-shadow:4px 4px 4px 4px rgb(0, 200, 60)  
}
```


Background

The CSS property to change the background color of an element to YUV 124.2400, -31.6703, -108.9585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 200, 60) }
```

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

```
.background{ background-color: rgb(0, 200,  
60) }
```

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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