

Converting Colors

YUV(123.0130, -34.0234,
-100.8664)

Have a look what the booklet for
YUV(123.0130, -34.0234, -100.8664)
contains.

YUV(123.0130, -34.0234, -100.8664)	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(123.0130, -34.0234,
-100.8664)**

Conversions

Conversions Part 1

Format	Color
Hex	08C336
RGB	8, 195, 54
RGB Percent	3%, 76%, 21%
CMY	0.9686, 0.2353, 0.7882
CMYK	0.96, 0.00, 0.72, 0.24
HSL	135°, 92%, 40%
HSV	135°, 96%, 76%
XYZ	20.2811, 39.3482, 10.0161
YIQ	123.0130, -66.1910, -83.4950

Conversions

Conversions Part 2

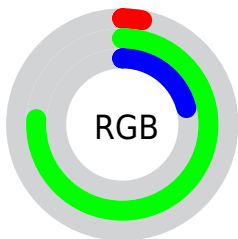
Format	Color
RYB	8, 158, 195
Decimal	574262
CIELab	69.00, -67.61, 56.27
CIELCh	69, 87.964, 140.229
Yxy	39.3482, 0.2912, 0.5650
Android (android.graphics.Color)	4278764342 (0xFF08C336)
YUV	123.0130, -34.0234, -100.8664
Hunter-Lab	62.7281, -52.0620, 34.4426

Details

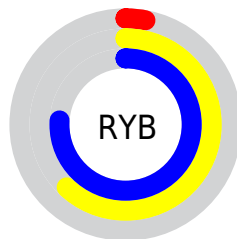
The YUV color **123.0130, -34.0234, -100.8664** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **79.9870, 34.0234, 100.8664**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.4350, -40.6405, -78.4345**, and **82.1800, -40.5147, -72.0719** is the 20% darker color. If you saturate the color by 10%, you get **119.9370, -35.4649, -105.1847**, and if you desaturate by 10%, it is **130.4040, -30.2722, -90.6853**.

Distribution



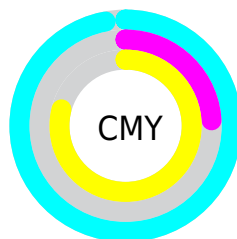
- Red (3%)
- Green (76%)
- Blue (21%)



- Red (3%)
- Yellow (62%)
- Blue (76%)



- Cyan (96%)
- Magenta (0%)
- Yellow (72%)
- Black (24%)



- Cyan (97%)
- Magenta (24%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.0130, -34.0234, -100.8664 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 123.0130, -34.0234, -100.8664 by changing the saturation by 10% instead.

■ 123.0130,
-34.0234, -100.8664

■ 123.0130,
-34.0234, -100.8664

■ 255.0000, 0.0000,
0.0000

■ 100.5370,
-38.7187, -88.1709

■ 191.4350,
-40.6405, -78.4345

■ 82.1800, -40.5147,
-72.0719

■ 205.5540,
-34.2901, -61.8759

■ 66.3310, -32.7012,
-58.1723

■ 218.0150,
-26.6294, -45.6172

■ 51.0690, -25.1770,
-44.7875

■ 230.4760,
-18.9687, -29.3585

■ 36.3940, -17.9422,
-31.9175

■ 242.7520,
-10.7237, -13.8145

■ 21.7190, -10.7075,
-19.0476

■ 254.4300, -2.1840,

■ 0.0000, 0.0000,

0.4999

0.0000

■ 123.0130,
-34.0234, -100.8664

■ 123.0130,
-34.0234, -100.8664

■ 119.9370,
-35.4649, -105.1847

■ 130.4040,
-30.2722, -90.6853

■ 137.9800,
-27.1051, -79.7895

■ 145.6700,
-23.5013, -68.9936

■ 153.0610,
-19.7501, -58.8125

■ 160.7510,
-16.1462, -48.0166

■ 168.0280,
-12.8318, -37.7356

■ 175.7180, -9.2280,
-26.9397

■ 183.1090, -5.4767,
-16.7586

■ 190.3860, -2.1623,
-6.4775

Harmonies

Analogous

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



151.6950, -74.7856, 0.2675



123.0130, -34.0234, -100.8664



134.4200, 2.2579, -117.8863

Triad

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



123.0130, -34.0234, -100.8664



138.2520, 57.5568, -121.2470



136.7710, -8.7611, 103.6868

Complementary

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



123.0130, -34.0234, -100.8664



79.9870, 34.0234, 100.8664

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.



144.6030, 26.3247, 96.8182



123.0130, -34.0234, -100.8664



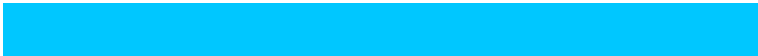
151.4060, 51.0718, -47.7141

Square

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



123.0130, -34.0234, -100.8664



145.8830, 53.7947, -127.9394



169.7860, 42.0105, 58.9467



150.7720, -54.1176, 91.4080

Rectangle

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



123.0130, -34.0234, -100.8664



141.9780, 26.1398, -124.5147



169.7860, 42.0105, 58.9467



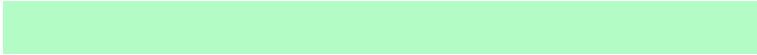
135.6260, 4.6214, 104.6910

Sweetspot

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



123.0130, -34.0234, -100.8664



223.9030, -13.2632, -39.3799



160.5260, -75.1953, -8.3543



110.6690, -8.2178, -24.2657



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.



123.0130, -34.0234, -100.8664



154.9920, -45.8451, -135.9280



133.3870, 5.7252, -109.9644



93.2120, -1.5835, -5.4479



99.0670, -29.1200, -86.8818



20.2830, -6.0555, -17.7882

Inverse Universe

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



79.9870, 34.0234, 100.8664



97.0080, 45.8451, 135.9280



69.6130, -5.7252, 109.9644



90.9020, 2.0203, 5.3479



61.9330, 29.1200, 86.8818



12.7170, 6.0555, 17.7882

Previews

White Background



This preview shows how the YUV color 123.0130, -34.0234, -100.8664 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 123.0130, -34.0234, -100.8664 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 123.0130, -34.0234, -100.8664 Background



This preview shows how black text looks on a background with the YUV color 123.0130, -34.0234, -100.8664.



This preview shows how white text looks on a background with the YUV color 123.0130, -34.0234, -100.8664.

-100.8664.

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

123.0130, -34.0234, -100.8664

Protanopia

159.3000, -55.3639, 24.2929

Deuteranopia

163.2770, -46.9716, 39.2221



Tritanopia

153.2120, 21.5875, -64.2069

Trichromacy



Original Color

123.0130, -34.0234, -100.8664



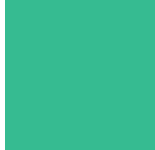
Protanomaly

146.0770, -47.3660, -21.1155



Deuteranomaly

148.5110, -42.1569, -11.8491



Tritanomaly

142.4450, 1.2596, -77.5663

Monochromacy



Original Color

123.0130, -34.0234, -100.8664



Achromatopsia

123.0000, 0.0000, 0.0000



Achromatomaly

122.8540, -12.2530, -36.7060

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.0130, -34.0234, -100.8664 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(8, 195, 54)` looks like.

```
.text, #text, p{  
    color:rgb(8, 195, 54)  
}
```

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(8, 195, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 195, 54) }
```

Border

The CSS property to change the border of an element to YUV 123.0130, -34.0234, -100.8664 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(8, 195, 54) }
```


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

```
.border{ border-color:rgb(8, 195, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 195, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 195, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 195, 54);  
box-shadow:4px 4px 4px 4px rgb(8, 195, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 123.0130, -34.0234, -100.8664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 195, 54) }
```

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

```
.background{ background-color: rgb(8, 195,  
54) }
```

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