

Converting Colors

YUV(124.6500, -40.2534,
-109.3180)

Have a look what the booklet for
YUV(124.6500, -40.2534, -109.3180)
contains.

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Color

**YUV(124.6500, -40.2534,
-109.3180)**

Conversions

Conversions Part 1

Format	Color
Hex	00CC2B
RGB	0, 204, 43
RGB Percent	0%, 80%, 17%
CMY	1.0000, 0.2000, 0.8314
CMYK	1.00, 0.00, 0.79, 0.20
HSL	133°, 100%, 40%
HSV	133°, 100%, 80%
XYZ	22.0289, 43.3601, 9.4938
YIQ	124.6500, -69.9030, -93.3190

Conversions

Conversions Part 2

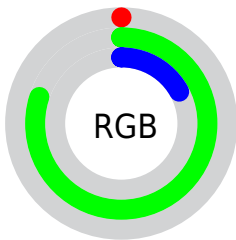
Format	Color
RYB	0, 168, 204
Decimal	52267
CIELab	71.80, -71.31, 62.69
CIELCh	72, 94.951, 138.682
Yxy	43.3601, 0.2942, 0.5790
Android (android.graphics.Color)	4278242347 (0xFF00CC2B)
YUV	124.6500, -40.2534, -109.3180
Hunter-Lab	65.8484, -55.5194, 37.5457

Details

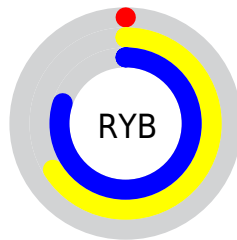
The YUV color **124.6500, -40.2534, -109.3180** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **79.3500, 40.2535, 109.3180**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.2950, -45.0084, -77.4347**, and **86.8760, -42.8299, -76.1903** is the 20% darker color. If you saturate the color by 10%, you get **124.6500, -40.2534, -109.3180**, and if you desaturate by 10%, it is **132.4540, -36.2128, -98.6222**.

Distribution



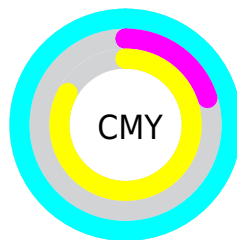
- Red (0%)
- Green (80%)
- Blue (17%)



- Red (0%)
- Yellow (66%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (79%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.6500, -40.2534, -109.3180 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 124.6500, -40.2534, -109.3180 by changing the saturation by 10% instead.

■ 124.6500,
-40.2534, -109.3180

■ 124.6500,
-40.2534, -109.3180

■ 255.0000, 0.0000,
0.0000

■ 103.3120,
-50.9328, -90.6046

■ 192.2950,
-45.0084, -77.4347

■ 86.8760, -42.8299,
-76.1903

■ 205.3540,
-37.6425, -59.9465

■ 71.0270, -35.0163,
-62.2907

■ 218.1140,
-30.1292, -43.0730

■ 55.7650, -27.4921,
-48.9059

■ 230.6890,
-22.0317, -26.9143

■ 40.5030, -19.9680,
-35.5211

■ 243.1500,
-14.3710, -10.6556

■ 26.4150, -13.0226,
-23.1660

■ 253.7460, -4.8048,

■ 7.0440, -3.4727,

1.0998

-6.1776

■ 0.0000, 0.0000,
0.0000

■ 124.6500,
-40.2534, -109.3180

■ 132.4540,
-36.2128, -98.6222

■ 140.5570,
-32.3196, -87.3115

■ 148.3610,
-28.2790, -76.6156

■ 156.4640,
-24.3858, -65.3049

■ 164.3820,
-19.9083, -54.7090

■ 172.1860,
-15.8677, -44.0131

■ 180.2890,
-11.9745, -32.7025

■ 188.0930, -7.9338,
-22.0066

■ 196.1960, -4.0406,
-10.6959

Harmonies

Analogous

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



158.4950, -78.1380, 2.1969



124.6500, -40.2534, -109.3180



140.2900, -0.6360, -123.0343

Triad

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



124.6500, -40.2534, -109.3180



144.1220, 54.6629, -126.3950



133.4600, -3.6778, 106.5906

Complementary

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



124.6500, -40.2534, -109.3180



79.3500, 40.2535, 109.3180

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.



143.9650, 34.0343, 97.3777



124.6500, -40.2534, -109.3180



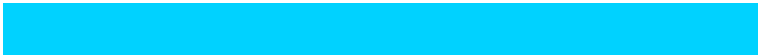
148.9150, 52.2999, -68.3315

Square

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



124.6500, -40.2534, -109.3180



152.3400, 50.6114, -133.6022



174.5260, 39.6737, 61.8057



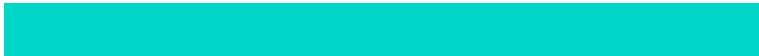
150.7720, -54.1176, 91.4080

Rectangle

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



124.6500, -40.2534, -109.3180



148.4180, 25.4299, -130.1626



174.5260, 39.6737, 61.8057



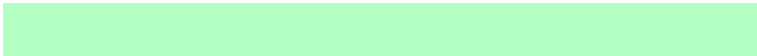
131.4830, 11.5939, 108.3244

Sweetspot

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



124.6500, -40.2534, -109.3180



225.4360, -15.0049, -40.7244



168.4850, -83.0631, -4.8103



110.0280, -9.3808, -24.5806



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.



124.6500, -40.2534, -109.3180



155.8410, -50.2076, -136.6726



136.0500, 3.4264, -119.3158



98.0980, -2.0203, -5.3479



101.4320, -32.7510, -88.9559



23.2180, -7.5025, -20.3622

Inverse Universe

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



79.3500, 40.2535, 109.3180



99.1590, 50.2076, 136.6726



67.9500, -3.4263, 119.3159



95.9020, 2.0203, 5.3479



64.5680, 32.7510, 88.9559



14.7820, 7.5025, 20.3622

Previews

White Background



This preview shows how the YUV color 124.6500, -40.2534, -109.3180 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 124.6500, -40.2534, -109.3180 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 124.6500, -40.2534, -109.3180 Background



This preview shows how black text looks on a background with the YUV color 124.6500, -40.2534, -109.3180.



This preview shows how white text looks on a background with the YUV color 124.6500, -40.2534, -109.3180.

-109.3180.

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

124.6500, -40.2534, -109.3180

Protanopia

165.4330, -63.8105, 26.8073

Deuteranopia

169.4640, -53.9658, 42.5661



Tritanopia

160.3150, 22.0297, -66.0513

Trichromacy



Original Color

124.6500, -40.2534, -109.3180



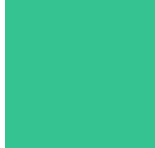
Protanomaly

151.0030, -55.2175, -22.8046



Deuteranomaly

153.3770, -48.9929, -12.6086



Tritanomaly

147.2550, -0.6187, -81.7846

Monochromacy



Original Color

124.6500, -40.2534, -109.3180



Achromatopsia

125.0000, 0.0000, 0.0000



Achromatomaly

125.1480, -14.8630, -39.5948

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.6500, -40.2534, -109.3180 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, 204, 43)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 43)  
}
```

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, 204, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 43) }
```

Border

The CSS property to change the border of an element to YUV 124.6500, -40.2534, -109.3180 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, 204, 43) }
```


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

```
.border{ border-color:rgb(0, 204, 43) }
```

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

Here you see how a box with a 4 pixel rgb(0, 204, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 43);  
box-shadow:4px 4px 4px 4px rgb(0, 204, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 124.6500, -40.2534, -109.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 43) }
```

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

```
.background{ background-color: rgb(0, 204,  
43) }
```

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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