

Converting Colors

YUV(125.8050, -62.0219,
-80.5130)

Have a look what the booklet for
YUV(125.8050, -62.0219, -80.5130)
contains.

YUV(125.8050, -62.0219, -80.5130)	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(125.8050, -62.0219,
-80.5130)**

Conversions

Conversions Part 1

Format	Color
Hex	22C500
RGB	34, 197, 0
RGB Percent	13%, 77%, 0%
CMY	0.8667, 0.2275, 1.0000
CMYK	0.83, 0.00, 1.00, 0.23
HSL	110°, 100%, 39%
HSV	110°, 100%, 77%
XYZ	20.6259, 40.2726, 6.6863
YIQ	125.8050, -33.9110, -95.8230

Conversions

Conversions Part 2

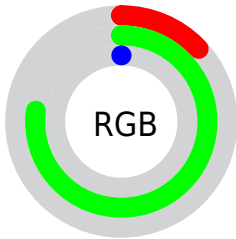
Format	Color
RYB	0, 197, 163
Decimal	2278656
CIELab	69.66, -68.77, 68.79
CIELCh	70, 97.271, 134.993
Yxy	40.2726, 0.3052, 0.5959
Android (android.graphics.Color)	4280468736 (0xFF22C500)
YUV	125.8050, -62.0219, -80.5130
Hunter-Lab	63.4607, -53.0403, 38.1756

Details

The YUV color **125.8050, -62.0219, -80.5130** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **71.1950, 62.0219, 80.5130**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.5920, -55.5079, -69.8022**, and **82.7670, -40.8041, -72.5867** is the 20% darker color. If you saturate the color by 10%, you get **125.8050, -62.0219, -80.5130**, and if you desaturate by 10%, it is **132.8690, -55.6444, -72.6761**.

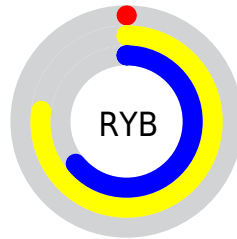
Distribution



Red (13%)

Green (77%)

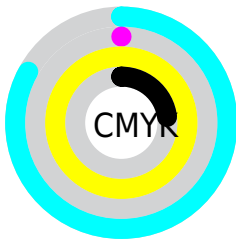
Blue (0%)



Red (0%)

Yellow (77%)

Blue (64%)

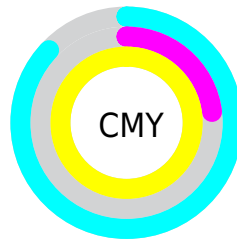


Cyan (83%)

Magenta (0%)

Yellow (100%)

Black (23%)



Cyan (87%)

Magenta (23%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.8050, -62.0219, -80.5130 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 125.8050, -62.0219, -80.5130 by changing the saturation by 10% instead.

■ 125.8050,
-62.0219, -80.5130

■ 125.8050,
-62.0219, -80.5130

■ 255.0000, 0.0000,
0.0000

■ 99.2030, -48.9071,
-87.0010

■ 192.5920,
-55.5079, -69.8022

■ 82.7670, -40.8041,
-72.5867

■ 205.1670,
-47.4103, -53.6435

■ 67.5050, -33.2800,
-59.2019

■ 217.9270,
-39.8970, -36.7700

■ 52.2430, -25.7558,
-45.8171

■ 230.5020,
-31.7995, -20.6113

■ 37.5680, -18.5210,
-32.9471

■ 242.9630,
-24.1388, -4.3526

■ 22.8930, -11.2862,
-20.0772

■ 251.4660,

■ 0.0000, 0.0000,

-13.5407, 3.0993

0.0000

254.7720, -0.8736,
0.2000

■ 125.8050,
-62.0219, -80.5130

■ 132.8690,
-55.6444, -72.6761

■ 140.1180,
-49.8512, -64.1245

■ 147.1820,
-43.4737, -56.2876

■ 154.2460,
-37.0963, -48.4507

■ 161.6090,
-30.8662, -39.9991

■ 168.5590,
-24.9256, -32.0622

■ 175.6230,
-18.5481, -24.2254

■ 182.6870,
-12.1707, -16.3885

■ 189.9360, -6.3774,
-7.8369

Harmonies

Analogous

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



154.9950, -76.4125, 8.7744



125.8050, -62.0219, -80.5130



134.1290, -6.4726, -117.6311

Triad

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



125.8050, -62.0219, -80.5130



142.3610, 55.5310, -124.8506



121.0020, 4.4360, 117.5162

Complementary

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



125.8050, -62.0219, -80.5130



71.1950, 62.0219, 80.5130

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.



139.2520, 38.8228, 101.5110



125.8050, -62.0219, -80.5130



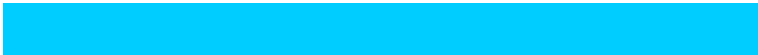
126.5120, 63.3446, -110.9510

Square

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



125.8050, -62.0219, -80.5130



149.4050, 52.0583, -131.0282



168.2580, 42.7638, 50.6397



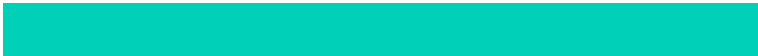
142.1950, -48.9031, 98.9300

Rectangle

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



125.8050, -62.0219, -80.5130



142.9580, 19.7407, -125.3742



168.2580, 42.7638, 50.6397



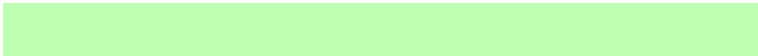
119.6120, 19.4183, 118.7353

Sweetspot

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



125.8050, -62.0219, -80.5130



227.4990, -23.9100, -31.1326



153.4100, -75.6311, 38.2284



111.3940, -14.4912, -18.7625



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.



125.8050, -62.0219, -80.5130



162.8410, -80.2806, -104.2236



122.7070, -29.9286, -107.6140



95.5820, -2.7519, -4.0184



104.0530, -51.2981, -66.6985



22.9260, -11.3025, -14.8441

Inverse Universe

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



71.1950, 62.0219, 80.5130



92.1590, 80.2806, 104.2236



74.2930, 29.9286, 107.6140



93.4180, 2.7519, 4.0184



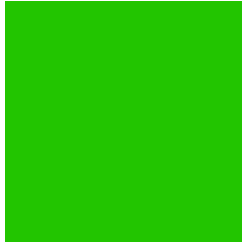
58.9470, 51.2981, 66.6985



13.0740, 11.3025, 14.8441

Previews

White Background



This preview shows how the YUV color 125.8050, -62.0219, -80.5130 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 125.8050, -62.0219, -80.5130 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 125.8050, -62.0219, -80.5130 Background



This preview shows how black text looks on a background with the YUV color 125.8050, -62.0219, -80.5130.



This preview shows how white text looks on a background with the YUV color 125.8050, -62.0219, -80.5130.

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

156.0130, -76.9144, 29.8066

Deuteranopia

162.2100, -58.7705, 43.6658

Tritanopia

156.3050, 20.5556, -59.9035

Trichromacy



Protanomaly

144.8400, -71.4061, -10.3837

Deuteranomaly

148.5820, -59.9399, -1.3874

Tritanomaly

145.0520, -9.3926, -67.5746

Monochromacy



Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.1510, -22.7524, -29.0734

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.8050, -62.0219, -80.5130 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(34, 197, 0)` looks like.

```
.text, #text, p{  
    color:rgb(34, 197, 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(34, 197, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 197, 0) }
```

Border

The CSS property to change the border of an element to YUV 125.8050, -62.0219, -80.5130 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(34, 197, 0) }
```

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

```
.border{ border-color:rgb(34, 197, 0) }
```

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

Here you see how a box with a 4 pixel rgb(34, 197, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 197, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 197, 0);  
box-shadow:4px 4px 4px 4px rgb(34, 197, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 125.8050, -62.0219, -80.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 197, 0) }
```

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

```
.background{ background-color: rgb(34, 197,  
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