

Converting Colors

YUV(138.8950, -68.4752,
-63.9289)

Have a look what the booklet for
YUV(138.8950, -68.4752, -63.9289)
contains.

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Color

**YUV(138.8950, -68.4752,
-63.9289)**

Conversions

Conversions Part 1

Format	Color
Hex	42CB00
RGB	66, 203, 0
RGB Percent	26%, 80%, 0%
CMY	0.7412, 0.2039, 1.0000
CMYK	0.67, 0.00, 1.00, 0.20
HSL	100°, 100%, 40%
HSV	100°, 100%, 80%
XYZ	23.6027, 43.8701, 7.2238
YIQ	138.8950, -16.4890, -92.1770

Conversions

Conversions Part 2

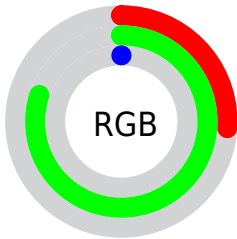
Format	Color
RYB	0, 203, 137
Decimal	4377344
CIELab	72.14, -65.64, 71.00
CIELCh	72, 96.699, 132.754
Yxy	43.8701, 0.3160, 0.5873
Android (android.graphics.Color)	4282567424 (0xFF42CB00)
YUV	138.8950, -68.4752, -63.9289
Hunter-Lab	66.2345, -52.3019, 39.8978

Details

The YUV color **138.8950, -68.4752, -63.9289** 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 **64.1050, 68.4752, 63.9289**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.6860, -58.0192, -57.6066**, and **86.2890, -42.5405, -75.6755** is the 20% darker color. If you saturate the color by 10%, you get **138.8950, -68.4752, -63.9289**, and if you desaturate by 10%, it is **145.3610, -61.8030, -57.3216**.

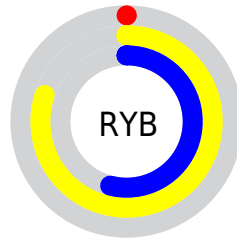
Distribution



Red (26%)

Green (80%)

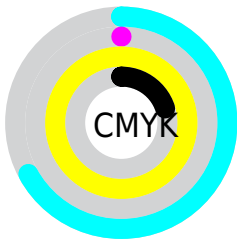
Blue (0%)



Red (0%)

Yellow (80%)

Blue (54%)

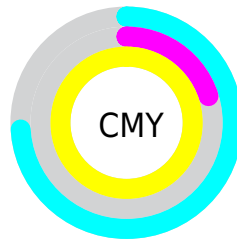


Cyan (67%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (74%)

Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.8950, -68.4752, -63.9289 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 138.8950, -68.4752, -63.9289 by changing the saturation by 10% instead.

■ 138.8950,
-68.4752, -63.9289

■ 138.8950,
-68.4752, -63.9289

■ 255.0000, 0.0000,
0.0000

■ 106.6120,
-52.5597, -82.0977

■ 198.6860,
-58.0192, -57.6066

■ 86.2890, -42.5405,
-75.6755

■ 211.0760,
-49.3375, -42.1627

■ 71.0270, -35.0163,
-62.2907

■ 223.5370,
-41.6767, -25.9039

■ 55.1780, -27.2028,
-48.3911

■ 236.1120,
-33.5792, -9.7452

■ 40.5030, -19.9680,
-35.5211

■ 248.3880,
-25.3343, 5.7987

■ 27.0020, -13.3120,
-23.6808

■ 251.6940,

■ 8.2180, -4.0515,

-12.6671, 2.8994

-7.2072

■ 0.0000, 0.0000,
0.0000

■ 138.8950,
-68.4752, -63.9289

■ 145.3610,
-61.8030, -57.3216

■ 151.6420,
-54.5465, -51.4290

■ 158.1080,
-47.8742, -44.8217

■ 164.5740,
-41.2020, -38.2144

■ 171.1540,
-34.0929, -31.7071

■ 177.3210,
-27.2733, -25.7145

■ 183.7870,
-20.6010, -19.1072

■ 190.2530,
-13.9287, -12.4999

■ 196.5340, -6.6723,
-6.6073

Harmonies

Analogous

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



162.1160, -79.9232, 14.8073



138.8950, -68.4752, -63.9289



138.2380, -8.4983, -121.2347

Triad

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



138.8950, -68.4752, -63.9289



147.0570, 53.2159, -128.9690



129.5280, 6.6417, 110.0389

Complementary

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



138.8950, -68.4752, -63.9289



64.1050, 68.4752, 63.9289

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.



149.6530, 40.5971, 92.3893



138.8950, -68.4752, -63.9289



131.7950, 60.7401, -115.5842

Square

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



138.8950, -68.4752, -63.9289



154.1010, 49.7432, -135.1466



174.4160, 39.7279, 44.3622



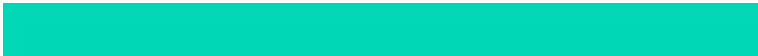
146.2530, -43.5087, 95.3711

Rectangle

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



138.8950, -68.4752, -63.9289



147.0670, 17.7150, -128.9778



174.4160, 39.7279, 44.3622



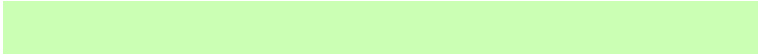
130.6000, 20.9032, 109.0988

Sweetspot

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



138.8950, -68.4752, -63.9289



230.7880, -25.5315, -24.3701



139.9420, -68.9914, 55.3019



113.4870, -15.5231, -14.4591



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.



138.8950, -68.4752, -63.9289



174.5020, -86.0295, -80.2473



123.0370, -43.8952, -107.9034



98.7670, -3.3361, -3.3037



113.5880, -55.9989, -52.2587



25.8940, -12.7657, -12.1850

Inverse Universe

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



64.1050, 68.4752, 63.9289



80.4980, 86.0295, 80.2473



79.9630, 43.8952, 107.9034



95.2330, 3.3361, 3.3037



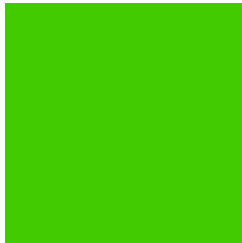
52.4120, 55.9989, 52.2587



12.1060, 12.7657, 12.1850

Previews

White Background



This preview shows how the YUV color 138.8950, -68.4752, -63.9289 looks on a white background.

Color Contrast Check

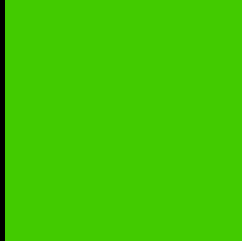
Large Text (above 18pt) WCAG AA × Fail

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 138.8950, -68.4752, -63.9289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

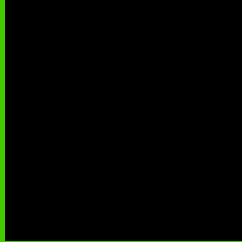
Any Text WCAG AA ✓ Pass

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 138.8950, -68.4752, -63.9289 Background



This preview shows how black text looks on a background with the YUV color 138.8950, -68.4752, -63.9289.



This preview shows how white text looks on a background with the YUV color 138.8950, -68.4752, -63.9289.

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

138.8950, -68.4752, -63.9289

Protanopia

162.5140, -80.1194, 31.1212

Deuteranopia

168.4230, -61.8335, 46.1100



Tritanopia

165.5940, 18.9342, -53.1409

Trichromacy



Original Color

138.8950, -68.4752, -63.9289



Protanomaly

154.0320, -75.9378, -3.5361



Deuteranomaly

157.4860, -64.3296, 6.5898



Tritanomaly

155.9070, -12.7722, -56.9234

Monochromacy



Original Color

138.8950, -68.4752, -63.9289



Achromatopsia

139.0000, 0.0000, 0.0000



Achromatomaly

138.6140, -24.9527, -23.3405

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.8950, -68.4752, -63.9289 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(66, 203, 0)` looks like.

```
.text, #text, p{  
    color:rgb(66, 203, 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(66, 203, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 203, 0) }
```

Border

The CSS property to change the border of an element to YUV 138.8950, -68.4752, -63.9289 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(66, 203, 0) }
```


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

```
.border{ border-color:rgb(66, 203, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 203, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 203, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 203, 0);  
box-shadow:4px 4px 4px 4px rgb(66, 203, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 138.8950, -68.4752, -63.9289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 203, 0) }
```

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

```
.background{ background-color: rgb(66, 203,  
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](#).

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