

Converting Colors

YUV(138.5430, -34.2847,
-63.6202)

Have a look what the booklet for
YUV(138.5430, -34.2847, -63.6202)
contains.

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Color

**YUV(138.5430, -34.2847,
-63.6202)**

Conversions

Conversions Part 1

Format	Color
Hex	42BD45
RGB	66, 189, 69
RGB Percent	26%, 74%, 27%
CMY	0.7412, 0.2588, 0.7294
CMYK	0.65, 0.00, 0.63, 0.26
HSL	121°, 48%, 50%
HSV	121°, 65%, 74%
XYZ	21.5185, 37.9831, 11.8276
YIQ	138.5430, -34.7880, -63.3960

Conversions

Conversions Part 2

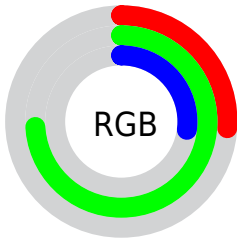
Format	Color
RYB	66, 186, 189
Decimal	4373829
CIELab	68.01, -57.37, 49.41
CIELCh	68, 75.713, 139.259
Yxy	37.9831, 0.3017, 0.5325
Android (android.graphics.Color)	4282563909 (0xFF42BD45)
YUV	138.5430, -34.2847, -63.6202
Hunter-Lab	61.6304, -45.5292, 31.7629

Details

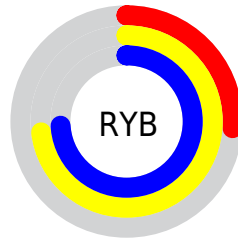
The YUV color **138.5430, -34.2847, -63.6202** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **116.4570, 34.2847, 63.6202**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.5820, -36.7689, -60.1464**, and **79.6840, -34.8472, -69.8829** is the 20% darker color. If you saturate the color by 10%, you get **130.8100, -39.3463, -73.5014**, and if you desaturate by 10%, it is **146.2760, -29.2231, -53.7391**.

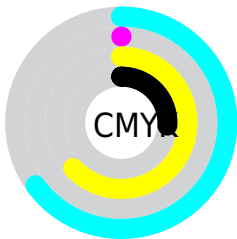
Distribution



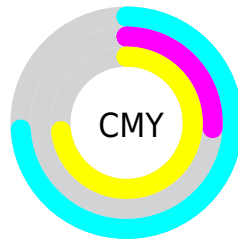
- Red (26%)
- Green (74%)
- Blue (27%)



- Red (26%)
- Yellow (73%)
- Blue (74%)



- Cyan (65%)
- Magenta (0%)
- Yellow (63%)
- Black (26%)



- Cyan (74%)
- Magenta (26%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.5430, -34.2847, -63.6202 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 138.5430, -34.2847, -63.6202 by changing the saturation by 10% instead.

■ 138.5430,
-34.2847, -63.6202

■ 138.5430,
-34.2847, -63.6202

■ 255.0000, 0.0000,
0.0000

■ 106.7700,
-31.9316, -71.7123

■ 196.5820,
-36.7689, -60.1464

■ 79.6840, -34.8472,
-69.8829

■ 213.6140,
-31.8547, -49.6505

■ 63.3960, -31.2542,
-55.5983

■ 225.6620,
-24.4834, -33.9066

■ 48.1340, -23.7301,
-42.2135

■ 237.9380,
-16.2384, -18.3626

■ 34.0460, -16.7847,
-29.8583

■ 250.1000, -8.4303,
-2.7187

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,

0.0000

■ 138.5430,
-34.2847, -63.6202

■ 138.5430,
-34.2847, -63.6202

■ 130.8100,
-39.3463, -73.5014

■ 146.2760,
-29.2231, -53.7391

■ 122.9630,
-44.8448, -83.2826

■ 154.1230,
-23.7246, -43.9579

■ 115.2300,
-49.9064, -93.1637

■ 161.8560,
-18.6630, -34.0767

■ 111.5130,
-52.5109, -97.7969

■ 169.7030,
-13.1646, -24.2955

■ 177.4360, -8.1029,
-14.4144

■ 184.9840, -2.4571,
-5.2480

■ 192.7170, 2.6045,
4.6332

■ 200.5640, 8.1029,
14.4144

■ 208.2970, 13.1646,
24.2955

Harmonies

Analogous

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



149.9560, -73.9283, 5.3006



138.5430, -34.2847, -63.6202



130.7840, 3.5575, -114.6976

Triad

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



138.5430, -34.2847, -63.6202



135.3170, 59.0037, -118.6730



148.0210, -11.3494, 93.8206

Complementary

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



138.5430, -34.2847, -63.6202



116.4570, 34.2847, 63.6202

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.



155.7730, 18.3529, 87.0221



138.5430, -34.2847, -63.6202



155.0050, 49.2975, -38.5924

Square

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



138.5430, -34.2847, -63.6202



142.3610, 55.5310, -124.8506



169.7090, 42.0485, 46.7362



156.1010, -46.3918, 86.7344

Rectangle

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



138.5430, -34.2847, -63.6202



136.8430, 24.2344, -120.0113



169.7090, 42.0485, 46.7362



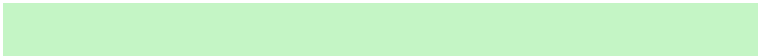
148.1810, -0.5822, 93.6803

Sweetspot

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



138.5430, -34.2847, -63.6202



224.8770, -13.7434, -25.3251



174.3800, -53.4313, 11.0677



110.1370, -7.9555, -15.0291



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



138.5430, -34.2847, -63.6202



166.6870, -53.0897, -98.8265



145.4970, -7.6400, -69.7189



90.2830, -2.6045, -4.6332



93.2020, -43.9766, -81.7382



18.3110, -8.5343, -16.0587

Inverse Universe

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



116.4570, 34.2847, 63.6202



132.3130, 53.0897, 98.8265



109.5030, 7.6400, 69.7189



88.7170, 2.6045, 4.6332



64.7980, 43.9766, 81.7382



12.6890, 8.5343, 16.0587

Previews

White Background



This preview shows how the YUV color 138.5430, -34.2847, -63.6202 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 138.5430, -34.2847, -63.6202 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 138.5430, -34.2847, -63.6202 Background



This preview shows how black text looks on a background with the YUV color 138.5430, -34.2847, -63.6202.



This preview shows how white text looks on a background with the YUV color 138.5430, -34.2847, -63.6202.

-63.6202.

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

138.5430, -34.2847, -63.6202

Protanopia

158.9390, -47.7909, 21.9785

Deuteranopia

161.8620, -40.8510, 36.0780



Tritanopia

154.9750, 17.7603, -49.9671

Trichromacy



Original Color

138.5430, -34.2847, -63.6202



Protanomaly

151.7070, -42.7466, -9.3900



Deuteranomaly

153.5000, -38.7005, -0.4385



Tritanomaly

148.7190, -0.8475, -55.0046

Monochromacy



Original Color

138.5430, -34.2847, -63.6202



Achromatopsia

139.0000, 0.0000, 0.0000



Achromatomaly

138.6430, -12.1490, -23.3659

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.5430, -34.2847, -63.6202 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, 189, 69)` looks like.

```
.text, #text, p{  
    color:rgb(66, 189, 69)  
}
```

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, 189, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 189, 69) }
```

Border

The CSS property to change the border of an element to YUV 138.5430, -34.2847, -63.6202 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, 189, 69) }
```


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

```
.border{ border-color:rgb(66, 189, 69) }
```

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

Here you see how a box with a 4 pixel rgb(66, 189, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 189, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 189, 69);  
box-shadow:4px 4px 4px 4px rgb(66, 189,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 138.5430, -34.2847, -63.6202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 189, 69) }
```

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

```
.background{ background-color: rgb(66, 189,  
69) }
```

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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