

Converting Colors

YUV(136.1540, -54.3059,
-35.2151)

Have a look what the booklet for
YUV(136.1540, -54.3059, -35.2151)
contains.

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Color

**YUV(136.1540, -54.3059,
-35.2151)**

Conversions

Conversions Part 1

Format	Color
Hex	60B21A
RGB	96, 178, 26
RGB Percent	38%, 70%, 10%
CMY	0.6235, 0.3020, 0.8980
CMYK	0.46, 0.00, 0.85, 0.30
HSL	92°, 75%, 40%
HSV	92°, 85%, 70%
XYZ	20.9307, 34.4022, 6.5144
YIQ	136.1540, -0.0800, -64.6560

Conversions

Conversions Part 2

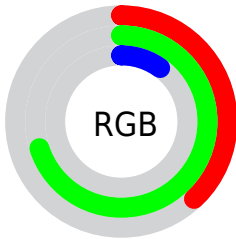
Format	Color
RYB	26, 178, 108
Decimal	6337050
CIELab	65.28, -48.41, 61.92
CIElCh	65, 78.594, 128.020
Yxy	34.4022, 0.3384, 0.5562
Android (android.graphics.Color)	4284527130 (0xFF60B21A)
YUV	136.1540, -54.3059, -35.2151
Hunter-Lab	58.6534, -38.9448, 34.4722

Details

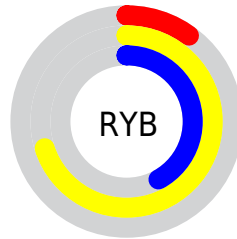
The YUV color **136.1540, -54.3059, -35.2151** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **67.8460, 54.3059, 35.2151**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.0230, -52.2693, -35.1002**, and **82.6550, -40.7489, -43.5474** is the 20% darker color. If you saturate the color by 10%, you get **131.1120, -60.6942, -39.5632**, and if you desaturate by 10%, it is **141.1960, -47.9176, -30.8669**.

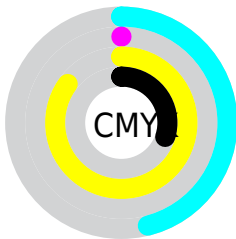
Distribution



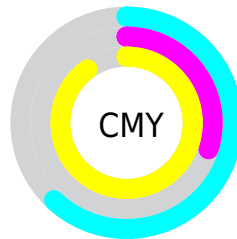
- Red (38%)
- Green (70%)
- Blue (10%)



- Red (10%)
- Yellow (70%)
- Blue (42%)



- Cyan (46%)
- Magenta (0%)
- Yellow (85%)
- Black (30%)



- Cyan (62%)
- Magenta (30%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.1540, -54.3059, -35.2151 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 136.1540, -54.3059, -35.2151 by changing the saturation by 10% instead.

■ 136.1540,
-54.3059, -35.2151

■ 136.1540,
-54.3059, -35.2151

■ 255.0000, 0.0000,
0.0000

■ 108.3710,
-53.4269, -37.1594

■ 193.0230,
-52.2693, -35.1002

■ 82.6550, -40.7489,
-43.5474

■ 217.0990,
-50.8278, -30.7818

■ 58.1130, -28.6497,
-50.9651

■ 229.2610,
-43.0197, -15.1379

■ 43.4380, -21.4149,
-38.0951

■ 241.4230,
-35.2115, 0.5060

■ 29.9370, -14.7589,
-26.2547

■ 248.6160,
-24.4607, 5.5988

■ 15.8490, -7.8136,
-13.8996

■ 251.9220,

■ 0.0000, 0.0000,

-11.7935, 2.6994

0.0000

■ 136.1540,
-54.3059, -35.2151

■ 136.1540,
-54.3059, -35.2151

■ 131.1120,
-60.6942, -39.5632

■ 141.1960,
-47.9176, -30.8669

■ 129.0040,
-63.5990, -41.2225

■ 145.9390,
-41.3819, -27.1335

■ 150.8670,
-35.4304, -22.6854

■ 155.6100,
-28.8947, -18.9520

■ 160.6520,
-22.5064, -14.6038

■ 165.6940,
-16.1181, -10.2556

■ 170.4370, -9.5824,
-6.5222

■ 175.3650, -3.6309,
-2.0741

■ 180.1080, 2.9048,
1.6593

Harmonies

Analogous

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



146.2340, -72.0934, 23.4738



136.1540, -54.3059, -35.2151



121.3970, -9.5627, -106.4652

Triad

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



136.1540, -54.3059, -35.2151



134.7300, 59.2931, -118.1582



138.9200, 2.0114, 101.8022

Complementary

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



136.1540, -54.3059, -35.2151



67.8460, 54.3059, 35.2151

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.



156.2920, 27.9570, 86.5669



136.1540, -54.3059, -35.2151



123.5770, 64.7915, -108.3770

Square

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



136.1540, -54.3059, -35.2151



138.7590, 51.8838, -121.6916



160.0970, 46.7872, 20.0859



144.6690, -34.3468, 96.7603

Rectangle

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



136.1540, -54.3059, -35.2151



128.7440, 10.9722, -112.9085



160.0970, 46.7872, 20.0859



142.1290, 11.7684, 98.9879

Sweetspot

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



136.1540, -54.3059, -35.2151



215.5920, -21.4909, -13.6742



118.9950, -45.8465, 51.7474



107.2150, -12.9240, -8.0816



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



136.1540, -54.3059, -35.2151



168.1770, -82.9113, -53.6522



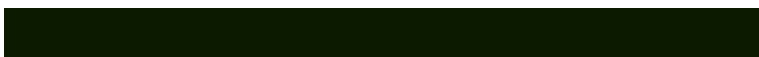
115.7940, -41.8034, -78.7493



86.4790, -3.1941, -2.1741



110.7410, -54.5953, -35.7299



18.8500, -9.2930, -6.0074

Inverse Universe

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



67.8460, 54.3059, 35.2151



63.8230, 82.9113, 53.6522



88.2060, 41.8034, 78.7493



82.5210, 3.1941, 2.1741



42.2590, 54.5953, 35.7299



7.1500, 9.2931, 6.0074

Previews

White Background



This preview shows how the YUV color 136.1540, -54.3059, -35.2151 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 136.1540, -54.3059, -35.2151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

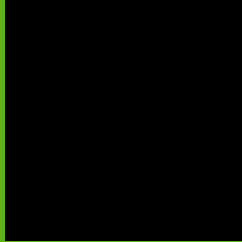
Any Text WCAG AA ✓ Pass

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 136.1540, -54.3059, -35.2151 Background



This preview shows how black text looks on a background with the YUV color 136.1540, -54.3059, -35.2151.



This preview shows how white text looks on a background with the YUV color 136.1540, -54.3059, -35.2151.

-35.2151.

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

136.1540, -54.3059, -35.2151

Protanopia

148.2480, -63.2263, 26.0925

Deuteranopia

152.1540, -53.8129, 40.2069



Tritanopia

153.1300, 12.7539, -30.8090

Trichromacy



Original Color

136.1540, -54.3059, -35.2151

Protanomaly

143.6150, -59.9562, 3.8456

Deuteranomaly

146.2770, -53.8736, 12.9121

Tritanomaly

146.7020, -11.6851, -32.1877

Monochromacy



Original Color

136.1540, -54.3059, -35.2151

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.7600, -19.6017, -12.9445

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.1540, -54.3059, -35.2151 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(96, 178, 26)` looks like.

```
.text, #text, p{  
    color:rgb(96, 178, 26)  
}
```

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(96, 178, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 178, 26) }
```

Border

The CSS property to change the border of an element to YUV 136.1540, -54.3059, -35.2151 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(96, 178, 26) }
```


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

```
.border{ border-color:rgb(96, 178, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 178, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 178, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 178, 26);  
box-shadow:4px 4px 4px 4px rgb(96, 178,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 136.1540, -54.3059, -35.2151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 178, 26) }
```

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

```
.background{ background-color: rgb(96, 178,  
26) }
```

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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