

Converting Colors

YUV(136.3750, -52.9359,
-54.7029)

Have a look what the booklet for
YUV(136.3750, -52.9359, -54.7029)
contains.

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Color

**YUV(136.3750, -52.9359,
-54.7029)**

Conversions

Conversions Part 1

Format	Color
Hex	4ABD1D
RGB	74, 189, 29
RGB Percent	29%, 74%, 11%
CMY	0.7098, 0.2588, 0.8863
CMYK	0.61, 0.00, 0.85, 0.26
HSL	103°, 73%, 43%
HSV	103°, 85%, 74%
XYZ	21.2434, 37.9397, 7.3659
YIQ	136.3750, -17.1800, -74.1400

Conversions

Conversions Part 2

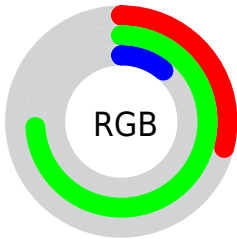
Format	Color
R_{YB}	29, 189, 144
Decimal	4898077
CIE _{Lab}	67.98, -58.53, 63.29
CIE _{LCh}	68, 86.210, 132.761
Yxy	37.9397, 0.3192, 0.5701
Android (android.graphics.Color)	4283088157 (0xFF4ABD1D)
YUV	136.3750, -52.9359, -54.7029
Hunter-Lab	61.5952, -46.2293, 36.0265

Details

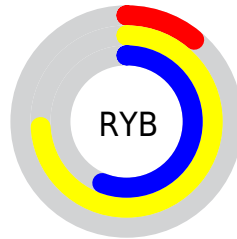
The YUV color **136.3750, -52.9359, -54.7029** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **81.6250, 52.9359, 54.7029**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.3260, -51.9257, -52.0289**, and **78.6580, -38.7784, -68.9831** is the 20% darker color. If you saturate the color by 10%, you get **130.0230, -59.1713, -61.4102**, and if you desaturate by 10%, it is **142.7270, -46.7004, -47.9956**.

Distribution



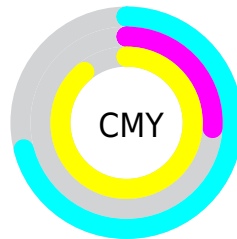
- Red (29%)
- Green (74%)
- Blue (11%)



- Red (11%)
- Yellow (74%)
- Blue (56%)



- Cyan (61%)
- Magenta (0%)
- Yellow (85%)
- Black (26%)



- Cyan (71%)
- Magenta (26%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.3750, -52.9359, -54.7029 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 136.3750, -52.9359, -54.7029 by changing the saturation by 10% instead.

■ 136.3750,
-52.9359, -54.7029

■ 136.3750,
-52.9359, -54.7029

■ 255.0000, 0.0000,
0.0000

■ 105.2710,
-51.8986, -60.7507

■ 195.3260,
-51.9257, -52.0289

■ 78.6580, -38.7784,
-68.9831

■ 212.4720,
-46.5747, -41.6329

■ 63.3960, -31.2542,
-55.5983

■ 224.6340,
-38.7666, -25.9890

■ 48.7210, -24.0195,
-42.7283

■ 236.7960,
-30.9584, -10.3451

■ 34.0460, -16.7847,
-29.8583

■ 249.0720,
-22.7135, 5.1989

■ 20.5450, -10.1287,
-18.0180

■ 252.3780,

■ 0.0000, 0.0000,

-10.0464, 2.2995

0.0000

■ 136.3750,
-52.9359, -54.7029

■ 136.3750,
-52.9359, -54.7029

■ 130.0230,
-59.1713, -61.4102

■ 142.7270,
-46.7004, -47.9956

■ 126.7900,
-62.5075, -64.7138

■ 148.7800,
-40.3175, -41.9031

■ 155.1320,
-34.0821, -35.1958

■ 161.1850,
-27.6992, -29.1032

■ 167.5370,
-21.4637, -22.3959

■ 173.7750,
-15.6651, -15.5887

■ 179.8280, -9.2822,
-9.4962

■ 186.1800, -3.0467,
-2.7889

■ 192.2330, 3.3361,
3.3037

Harmonies

Analogous

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



152.0820, -74.9764, 14.8371



136.3750, -52.9359, -54.7029



128.8630, -6.3415, -113.0129

Triad

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



136.3750, -52.9359, -54.7029



138.8390, 57.2674, -121.7618



135.1870, 0.4008, 105.0760

Complementary

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



136.3750, -52.9359, -54.7029



81.6250, 52.9359, 54.7029

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.



151.1230, 30.9984, 91.1001



136.3750, -52.9359, -54.7029



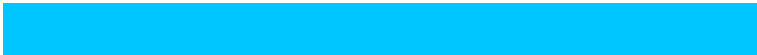
125.3380, 63.9234, -109.9214

Square

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



136.3750, -52.9359, -54.7029



145.2960, 54.0841, -127.4246



166.6970, 43.5334, 37.0997



146.7090, -41.7615, 94.9712

Rectangle

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



136.3750, -52.9359, -54.7029



136.8940, 16.8143, -120.0560



166.6970, 43.5334, 37.0997



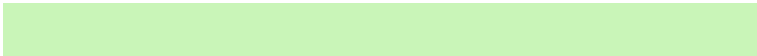
136.9770, 12.3363, 103.5062

Sweetspot

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



136.3750, -52.9359, -54.7029



224.8900, -20.1588, -20.9515



144.3450, -56.8651, 39.1624



110.1220, -11.8921, -12.3850



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.



136.3750, -52.9359, -54.7029



164.4460, -81.0719, -83.7061



126.9100, -31.0146, -85.8671



91.1800, -3.0467, -2.7889



105.9020, -52.2097, -54.2881



20.8880, -10.2978, -10.4258

Inverse Universe

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



81.6250, 52.9359, 54.7029



80.5540, 81.0719, 83.7061



91.0900, 31.0146, 85.8671



88.1190, 2.8993, 3.4036



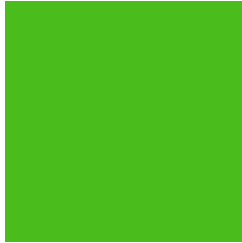
52.0980, 52.2097, 54.2881



10.1120, 10.2978, 10.4258

Previews

White Background



This preview shows how the YUV color 136.3750, -52.9359, -54.7029 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 136.3750, -52.9359, -54.7029 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 136.3750, -52.9359, -54.7029 Background



This preview shows how black text looks on a background with the YUV color 136.3750, -52.9359, -54.7029.



This preview shows how white text looks on a background with the YUV color 136.3750, -52.9359, -54.7029.

-54.7029.

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

136.3750, -52.9359, -54.7029

Protanopia

154.6780, -65.4103, 26.5924

Deuteranopia

158.6380, -54.5445, 41.5365



Tritanopia

156.3670, 16.5811, -45.0489

Trichromacy



Original Color

136.3750, -52.9359, -54.7029



Protanomaly

148.3430, -60.8081, -2.9318



Deuteranomaly

150.5320, -53.9993, 6.5494



Tritanomaly

149.2870, -9.0155, -48.4867

Monochromacy



Original Color

136.3750, -52.9359, -54.7029



Achromatopsia

136.0000, 0.0000, 0.0000



Achromatomaly

135.8300, -19.1432, -20.0219

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.3750, -52.9359, -54.7029 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(74, 189, 29)` looks like.

```
.text, #text, p{  
    color:rgb(74, 189, 29)  
}
```

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(74, 189, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 189, 29) }
```

Border

The CSS property to change the border of an element to YUV 136.3750, -52.9359, -54.7029 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(74, 189, 29) }
```


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

```
.border{ border-color:rgb(74, 189, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 189, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 189, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 189, 29);  
box-shadow:4px 4px 4px 4px rgb(74, 189,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 136.3750, -52.9359, -54.7029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 189, 29) }
```

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

```
.background{ background-color: rgb(74, 189,  
29) }
```

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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