

Converting Colors

YUV(137.3060, -34.6609,
-36.2254)

Have a look what the booklet for
YUV(137.3060, -34.6609, -36.2254)
contains.

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Color

**YUV(137.3060, -34.6609,
-36.2254)**

Conversions

Conversions Part 1

Format	Color
Hex	60AC43
RGB	96, 172, 67
RGB Percent	38%, 67%, 26%
CMY	0.6235, 0.3255, 0.7373
CMYK	0.44, 0.00, 0.61, 0.33
HSL	103°, 44%, 47%
HSV	103°, 61%, 67%
XYZ	20.5895, 32.3971, 10.4783
YIQ	137.3060, -11.5910, -48.7670

Conversions

Conversions Part 2

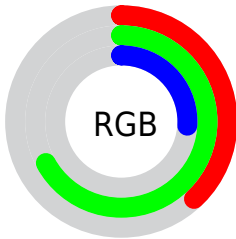
Format	Color
RYB	67, 172, 143
Decimal	6335555
CIELab	63.67, -43.12, 45.71
CIELCh	64, 62.836, 133.327
Yxy	32.3971, 0.3244, 0.5105
Android (android.graphics.Color)	4284525635 (0xFF60AC43)
YUV	137.3060, -34.6609, -36.2254
Hunter-Lab	56.9184, -35.0372, 28.9280

Details

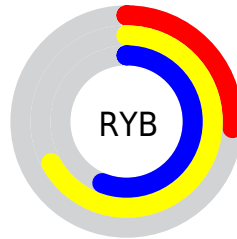
The YUV color **137.3060, -34.6609, -36.2254** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **101.6940, 34.6609, 36.2254**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.5510, -36.2606, -36.4402**, and **82.7680, -35.3816, -38.3845** is the 20% darker color. If you saturate the color by 10%, you get **131.7800, -40.3175, -41.9031**, and if you desaturate by 10%, it is **142.8320, -29.0042, -30.5477**.

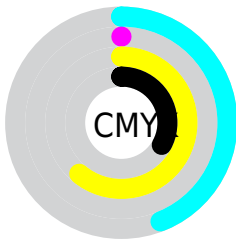
Distribution



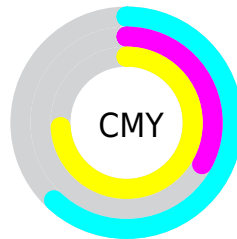
- Red (38%)
- Green (67%)
- Blue (26%)



- Red (26%)
- Yellow (67%)
- Blue (56%)



- Cyan (44%)
- Magenta (0%)
- Yellow (61%)
- Black (33%)



- Cyan (62%)
- Magenta (33%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.3060, -34.6609, -36.2254 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 137.3060, -34.6609, -36.2254 by changing the saturation by 10% instead.

■ 137.3060,
-34.6609, -36.2254

■ 137.3060,
-34.6609, -36.2254

■ 255.0000, 0.0000,
0.0000

■ 110.1210,
-34.0767, -36.9401

■ 192.5510,
-36.2606, -36.4402

■ 82.7680, -35.3816,
-38.3845

■ 220.0350,
-36.9923, -35.1107

■ 55.1780, -27.2028,
-48.3911

■ 231.5990,
-28.8893, -20.6963

■ 40.5030, -19.9680,
-35.5211

■ 243.7610,
-21.0812, -5.0524

■ 27.0020, -13.3120,
-23.6808

■ 252.0360,
-11.3567, 2.5994

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,

0.0000

■ 137.3060,
-34.6609, -36.2254

■ 137.3060,
-34.6609, -36.2254

■ 131.7800,
-40.3175, -41.9031

■ 142.8320,
-29.0042, -30.5477

■ 125.9550,
-45.8268, -48.1955

■ 148.6570,
-23.4949, -24.2552

■ 120.3150,
-51.9203, -53.7733

■ 154.2970,
-17.4014, -18.6775

■ 115.3160,
-56.8508, -59.0361

■ 160.1220,
-11.8921, -12.3850

■ 165.6480, -6.2355,
-6.7073

■ 171.4730, -0.7262,
-0.4148

■ 176.9990, 4.9305,
5.2629

■ 182.9380, 10.8766,
11.4554

■ 188.4640, 16.5332,
17.1331

Harmonies

Analogous

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



144.2940, -56.3469, 12.8972



137.3060, -34.6609, -36.2254



118.7530, 0.6148, -104.1464

Triad

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



137.3060, -34.6609, -36.2254



128.2730, 62.4764, -112.4954



150.5800, -9.1599, 91.5763

Complementary

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



137.3060, -34.6609, -36.2254



101.6940, 34.6609, 36.2254

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.



155.4140, 16.0649, 74.1819



137.3060, -34.6609, -36.2254



144.9050, 54.2768, -49.0287

Square

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



137.3060, -34.6609, -36.2254



130.7060, 48.9519, -114.6292



158.5510, 38.1824, 26.7038



150.4560, -34.7348, 81.1611

Rectangle

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



137.3060, -34.6609, -36.2254



124.3730, 17.0711, -109.0751



158.5510, 38.1824, 26.7038



151.7460, -0.8608, 89.6768

Sweetspot

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



137.3060, -34.6609, -36.2254



210.7690, -13.1971, -13.8294



142.4200, -37.1821, 25.9417



103.8820, -7.8298, -8.6665



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



137.3060, -34.6609, -36.2254



170.1360, -53.8040, -56.2473



131.2570, -20.3397, -56.3534



83.8810, -2.8993, -3.4036



100.6080, -49.5997, -51.3992



15.2950, -7.5404, -8.1517

Inverse Universe

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



101.6940, 34.6609, 36.2254



114.8640, 53.8040, 56.2473



107.7430, 20.3397, 56.3534



80.8200, 3.0467, 2.7889



49.6910, 49.4523, 52.0140



7.7050, 7.5404, 8.1517

Previews

White Background



This preview shows how the YUV color 137.3060, -34.6609, -36.2254 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 137.3060, -34.6609, -36.2254 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 137.3060, -34.6609, -36.2254 Background



This preview shows how black text looks on a background with the YUV color 137.3060, -34.6609, -36.2254.



This preview shows how white text looks on a background with the YUV color 137.3060, -34.6609, -36.2254.

-36.2254.

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

137.3060, -34.6609, -36.2254

Protanopia

148.5950, -42.6913, 19.6492

Deuteranopia

150.7630, -37.3512, 33.5338



Tritanopia

148.7280, 12.4591, -29.5795

Trichromacy



Original Color

137.3060, -34.6609, -36.2254

Protanomaly

144.8590, -39.8635, -0.7533

Deuteranomaly

145.5380, -36.2542, 8.2982

Tritanomaly

144.5370, -4.7017, -32.0429

Monochromacy



Original Color

137.3060, -34.6609, -36.2254

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.2960, -12.4709, -13.4146

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.3060, -34.6609, -36.2254 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, 172, 67)` looks like.

```
.text, #text, p{  
    color:rgb(96, 172, 67)  
}
```

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, 172, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 172, 67) }
```

Border

The CSS property to change the border of an element to YUV 137.3060, -34.6609, -36.2254 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, 172, 67) }
```


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

```
.border{ border-color:rgb(96, 172, 67) }
```

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

Here you see how a box with a 4 pixel rgb(96, 172, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 172, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 172, 67);  
box-shadow:4px 4px 4px 4px rgb(96, 172,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 137.3060, -34.6609, -36.2254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 172, 67) }
```

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

```
.background{ background-color: rgb(96, 172,  
67) }
```

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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