

Converting Colors

YUV(132.5780, -37.2600,
-42.6029)

Have a look what the booklet for
YUV(132.5780, -37.2600, -42.6029)
contains.

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Color

**YUV(132.5780, -37.2600,
-42.6029)**

Conversions

Conversions Part 1

Format	Color
Hex	54AC39
RGB	84, 172, 57
RGB Percent	33%, 67%, 22%
CMY	0.6706, 0.3255, 0.7765
CMYK	0.51, 0.00, 0.67, 0.33
HSL	106°, 50%, 45%
HSV	106°, 67%, 67%
XYZ	19.1472, 31.6853, 8.9776
YIQ	132.5780, -15.5330, -54.4210

Conversions

Conversions Part 2

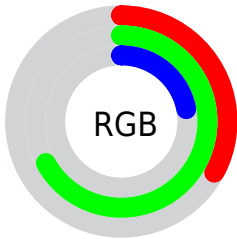
Format	Color
RYB	57, 172, 145
Decimal	5549113
CIELab	63.08, -47.76, 49.30
CIElCh	63, 68.642, 134.094
Yxy	31.6853, 0.3201, 0.5298
Android (android.graphics.Color)	4283739193 (0xFF54AC39)
YUV	132.5780, -37.2600, -42.6029
Hunter-Lab	56.2897, -37.7893, 29.9466

Details

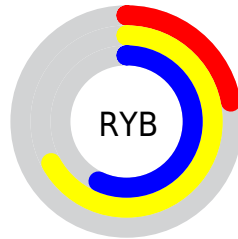
The YUV color **132.5780, -37.2600, -42.6029** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **96.4220, 37.2600, 42.6029**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.4210, -39.1546, -41.5882**, and **74.6370, -36.7960, -51.4246** is the 20% darker color. If you saturate the color by 10%, you get **126.7530, -42.7692, -48.8954**, and if you desaturate by 10%, it is **138.4030, -31.7507, -36.3104**.

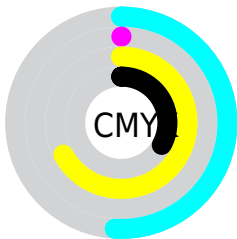
Distribution



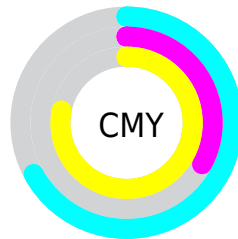
- Red (33%)
- Green (67%)
- Blue (22%)



- Red (22%)
- Yellow (67%)
- Blue (57%)



- Cyan (51%)
- Magenta (0%)
- Yellow (67%)
- Black (33%)



- Cyan (67%)
- Magenta (33%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.5780, -37.2600, -42.6029 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 132.5780, -37.2600, -42.6029 by changing the saturation by 10% instead.

■ 132.5780,
-37.2600, -42.6029

■ 132.5780,
-37.2600, -42.6029

■ 255.0000, 0.0000,
0.0000

■ 104.5670,
-37.2545, -44.3473

■ 188.4210,
-39.1546, -41.5882

■ 74.6370, -36.7960,
-51.4246

■ 215.7200,
-39.3020, -40.9734

■ 54.5910, -26.9134,
-47.8763

■ 227.4690,
-31.7832, -25.8443

■ 40.5030, -19.9680,
-35.5211

■ 239.3320,
-23.8277, -10.8152

■ 27.0020, -13.3120,
-23.6808

■ 251.0100,
-15.2879, 3.4992

■ 11.1530, -5.4984,
-9.7812

■ 254.3160, -2.6208,

■ 0.0000, 0.0000,

0.5999

0.0000

■ 132.5780,
-37.2600, -42.6029

■ 132.5780,
-37.2600, -42.6029

■ 126.7530,
-42.7692, -48.8954

■ 138.4030,
-31.7507, -36.3104

■ 120.9280,
-48.2785, -55.1879

■ 144.2280,
-26.2414, -30.0180

■ 114.9890,
-54.2246, -61.3804

■ 150.1670,
-20.2953, -23.8255

■ 112.9240,
-55.6715, -63.9543

■ 156.2910,
-14.9335, -16.9182

■ 162.1160, -9.4242,
-10.6257

■ 167.9410, -3.9149,
-4.3333

■ 173.7660, 1.5944,
1.9592

■ 179.7050, 7.5404,
8.1517

■ 185.5300, 13.0497,
14.4442

Harmonies

Analogous

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



139.6780, -68.8613, 13.4374



132.5780, -37.2600, -42.6029



118.4110, -0.6956, -103.8464

Triad

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



132.5780, -37.2600, -42.6029



128.2730, 62.4764, -112.4954



144.0260, -8.8868, 97.3242

Complementary

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



132.5780, -37.2600, -42.6029



96.4220, 37.2600, 42.6029

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.



151.9250, 17.7850, 82.5038



132.5780, -37.2600, -42.6029



139.8440, 56.7719, -55.9912

Square

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



132.5780, -37.2600, -42.6029



131.5040, 52.0095, -115.3290



157.0830, 41.3711, 30.6222



147.5770, -38.2455, 87.1940

Rectangle

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



132.5780, -37.2600, -42.6029



124.4870, 17.5079, -109.1751



157.0830, 41.3711, 30.6222



145.8330, 0.5753, 95.7395

Sweetspot

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



132.5780, -37.2600, -42.6029



208.8180, -14.2073, -16.5034



141.8670, -41.8394, 26.4266



102.9420, -8.8454, -9.5961



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.



132.5780, -37.2600, -42.6029



162.6310, -57.9921, -66.3284



127.8110, -20.6128, -62.1012



83.8810, -2.8993, -3.4036



98.5150, -48.5679, -55.7027



14.9960, -7.3930, -8.7665

Inverse Universe

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



96.4220, 37.2600, 42.6029



106.3690, 57.9921, 66.3284



101.1890, 20.6128, 62.1012



81.1190, 2.8993, 3.4036



51.4850, 48.5679, 55.7027



8.0040, 7.3930, 8.7665

Previews

White Background



This preview shows how the YUV color 132.5780, -37.2600, -42.6029 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 132.5780, -37.2600, -42.6029 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 132.5780, -37.2600, -42.6029 Background



This preview shows how black text looks on a background with the YUV color 132.5780, -37.2600, -42.6029.



This preview shows how white text looks on a background with the YUV color 132.5780, -37.2600, -42.6029.

-42.6029.

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

132.5780, -37.2600, -42.6029

Protanopia

145.9820, -46.3331, 21.0638

Deuteranopia

148.2640, -40.5562, 34.8485



Tritanopia

146.0370, 13.7858, -35.1124

Trichromacy



Original Color

132.5780, -37.2600, -42.6029

Protanomaly

141.0500, -42.9157, -1.7979

Deuteranomaly

142.4300, -39.1590, 6.6389

Tritanomaly

141.0910, -4.9749, -37.7908

Monochromacy



Original Color

132.5780, -37.2600, -42.6029

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.6440, -13.6285, -15.4738

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.5780, -37.2600, -42.6029 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(84, 172, 57)` looks like.

```
.text, #text, p{  
    color:rgb(84, 172, 57)  
}
```

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(84, 172, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 172, 57) }
```

Border

The CSS property to change the border of an element to YUV 132.5780, -37.2600, -42.6029 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(84, 172, 57) }
```


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

```
.border{ border-color:rgb(84, 172, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 172, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 172, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 172, 57);  
box-shadow:4px 4px 4px 4px rgb(84, 172,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 132.5780, -37.2600, -42.6029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 172, 57) }
```

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

```
.background{ background-color: rgb(84, 172,  
57) }
```

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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