

Converting Colors

YUV(136.9000, -42.3487,
-43.7623)

Have a look what the booklet for
YUV(136.9000, -42.3487, -43.7623)
contains.

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Color

**YUV(136.9000, -42.3487,
-43.7623)**

Conversions

Conversions Part 1

Format	Color
Hex	57B333
RGB	87, 179, 51
RGB Percent	34%, 70%, 20%
CMY	0.6588, 0.2980, 0.8000
CMYK	0.51, 0.00, 0.72, 0.30
HSL	103°, 56%, 45%
HSV	103°, 72%, 70%
XYZ	20.6481, 34.5055, 8.7039
YIQ	136.9000, -13.7440, -59.3120

Conversions

Conversions Part 2

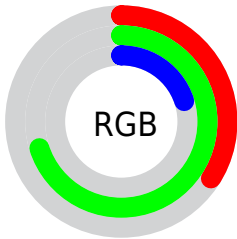
Format	Color
RYB	51, 179, 143
Decimal	5747507
CIELab	65.36, -50.12, 54.12
CIELCh	65, 73.768, 132.803
Yxy	34.5055, 0.3233, 0.5404
Android (android.graphics.Color)	4283937587 (0xFF57B333)
YUV	136.9000, -42.3487, -43.7623
Hunter-Lab	58.7413, -40.0530, 32.3337

Details

The YUV color **136.9000, -42.3487, -43.7623** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **93.1000, 42.3487, 43.7623**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.5580, -43.6591, -43.4624**, and **78.7570, -38.8272, -53.2839** is the 20% darker color. If you saturate the color by 10%, you get **130.9610, -48.2948, -49.9548**, and if you desaturate by 10%, it is **142.8390, -36.4026, -37.5698**.

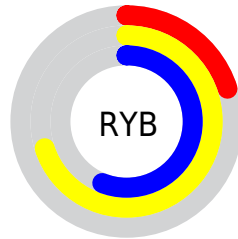
Distribution



Red (34%)

Green (70%)

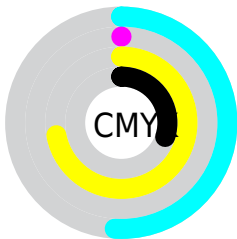
Blue (20%)



Red (20%)

Yellow (70%)

Blue (56%)

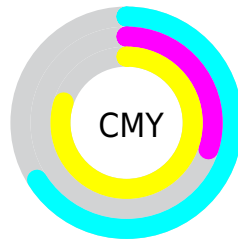


Cyan (51%)

Magenta (0%)

Yellow (72%)

Black (30%)



Cyan (66%)

Magenta (30%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.9000, -42.3487, -43.7623 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 136.9000, -42.3487, -43.7623 by changing the saturation by 10% instead.

■ 136.9000,
-42.3487, -43.7623

■ 136.9000,
-42.3487, -43.7623

■ 255.0000, 0.0000,
0.0000

■ 108.5470,
-43.6537, -45.2067

■ 193.5580,
-43.6591, -43.4624

■ 78.7570, -38.8272,
-53.2839

■ 216.4600,
-41.6388, -38.1144

■ 58.1130, -28.6497,
-50.9651

■ 228.2090,
-34.1200, -22.9853

■ 44.0250, -21.7043,
-38.6099

■ 240.3710,
-26.3119, -7.3414

■ 29.9370, -14.7589,
-26.2547

■ 250.5540,
-17.0351, 3.8991

■ 15.8490, -7.8136,
-13.8996

■ 253.8600, -4.3680,

■ 0.0000, 0.0000,

0.9998

0.0000

■ 136.9000,
-42.3487, -43.7623

■ 136.9000,
-42.3487, -43.7623

■ 130.9610,
-48.2948, -49.9548

■ 142.8390,
-36.4026, -37.5698

■ 125.0220,
-54.2408, -56.1473

■ 148.7780,
-30.4566, -31.3773

■ 120.0230,
-59.1713, -61.4102

■ 154.7170,
-24.5105, -25.1848

■ 160.3570,
-18.4170, -19.6071

■ 166.2960,
-12.4709, -13.4146

■ 172.1210, -6.9617,
-7.1221

■ 178.0600, -1.0156,
-0.9296

■ 183.9990, 4.9305,
5.2629

■ 189.9380, 10.8766,
11.4554

Harmonies

Analogous

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



145.3040, -71.6349, 16.3964



136.9000, -42.3487, -43.7623



123.1070, -3.0108, -107.9648

Triad

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



136.9000, -42.3487, -43.7623



132.9690, 60.1613, -116.6138



144.2370, -5.5398, 97.1392

Complementary

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



136.9000, -42.3487, -43.7623



93.1000, 42.3487, 43.7623

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.



156.4570, 20.9737, 86.4222



136.9000, -42.3487, -43.7623



137.9730, 57.6943, -71.8903

Square

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



136.9000, -42.3487, -43.7623



137.9270, 53.7730, -120.9620



163.1090, 45.3023, 29.7224



150.0830, -38.9879, 92.0122

Rectangle

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



136.9000, -42.3487, -43.7623



129.5250, 16.5032, -113.5934



163.1090, 45.3023, 29.7224



145.5710, 4.6485, 95.9692

Sweetspot

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



136.9000, -42.3487, -43.7623



215.9490, -16.2439, -16.6183



143.2760, -45.4921, 31.3299



107.4150, -9.5716, -10.0110



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.



136.9000, -42.3487, -43.7623



166.4430, -66.2804, -67.9175



129.3280, -24.8117, -68.6937



86.1800, -3.0467, -2.7889



102.6680, -50.6153, -52.3288



17.3550, -8.5560, -9.0813

Inverse Universe

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



93.1000, 42.3487, 43.7623



97.8560, 66.1330, 68.5323



100.6720, 24.8117, 68.6937



83.1190, 2.8993, 3.4036



50.3320, 50.6153, 52.3288



8.3460, 8.7034, 8.4666

Previews

White Background



This preview shows how the YUV color 136.9000, -42.3487, -43.7623 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 136.9000, -42.3487, -43.7623 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 136.9000, -42.3487, -43.7623 Background



This preview shows how black text looks on a background with the YUV color 136.9000, -42.3487, -43.7623.



This preview shows how white text looks on a background with the YUV color 136.9000, -42.3487, -43.7623.

-43.7623.

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

136.9000, -42.3487, -43.7623

Protanopia

150.9130, -51.7221, 22.8783

Deuteranopia

153.7220, -45.2189, 37.0778



Tritanopia

151.5530, 14.5174, -36.4420

Trichromacy



Original Color

136.9000, -42.3487, -43.7623

Protanomaly

145.9700, -48.2992, -1.7277

Deuteranomaly

147.7630, -44.2532, 7.2238

Tritanomaly

146.1510, -5.9904, -38.7204

Monochromacy



Original Color

136.9000, -42.3487, -43.7623

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.8890, -15.2283, -15.6887

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.9000, -42.3487, -43.7623 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(87, 179, 51)` looks like.

```
.text, #text, p{  
    color:rgb(87, 179, 51)  
}
```

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(87, 179, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 179, 51) }
```

Border

The CSS property to change the border of an element to YUV 136.9000, -42.3487, -43.7623 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(87, 179, 51) }
```


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

```
.border{ border-color:rgb(87, 179, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 179, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 179, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 179, 51);  
box-shadow:4px 4px 4px 4px rgb(87, 179,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 136.9000, -42.3487, -43.7623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 179, 51) }
```

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

```
.background{ background-color: rgb(87, 179,  
51) }
```

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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