

Converting Colors

YUV(137.0040, -26.6240,
-47.3615)

Have a look what the booklet for
YUV(137.0040, -26.6240, -47.3615)
contains.

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Color

**YUV(137.0040, -26.6240,
-47.3615)**

Conversions

Conversions Part 1

Format	Color
Hex	53AF53
RGB	83, 175, 83
RGB Percent	33%, 69%, 33%
CMY	0.6745, 0.3137, 0.6745
CMYK	0.53, 0.00, 0.53, 0.31
HSL	120°, 37%, 51%
HSV	120°, 53%, 69%
XYZ	20.4586, 33.1235, 13.4988
YIQ	137.0040, -25.3000, -48.1160

Conversions

Conversions Part 2

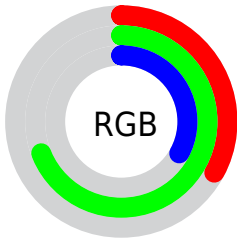
Format	Color
RYB	83, 175, 175
Decimal	5484371
CIELab	64.26, -46.30, 38.65
CIELCh	64, 60.315, 140.143
Yxy	33.1235, 0.3050, 0.4938
Android (android.graphics.Color)	4283674451 (0xFF53AF53)
YUV	137.0040, -26.6240, -47.3615
Hunter-Lab	57.5530, -37.2657, 26.3809

Details

The YUV color **137.0040, -26.6240, -47.3615** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **120.9960, 26.6240, 47.3615**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.5480, -28.3712, -46.9616**, and **79.5730, -22.9605, -55.7535** is the 20% darker color. If you saturate the color by 10%, you get **129.9830, -31.5436, -56.1131**, and if you desaturate by 10%, it is **144.4380, -21.4149, -38.0951**.

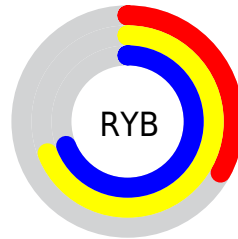
Distribution



Red (33%)

Green (69%)

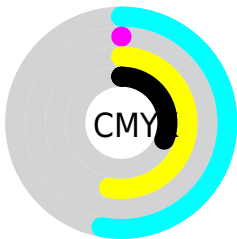
Blue (33%)



Red (33%)

Yellow (69%)

Blue (69%)

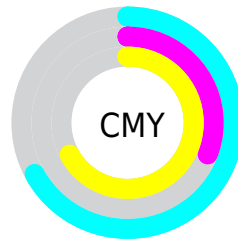


Cyan (53%)

Magenta (0%)

Yellow (53%)

Black (31%)



Cyan (67%)

Magenta (31%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.0040, -26.6240, -47.3615 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 137.0040, -26.6240, -47.3615 by changing the saturation by 10% instead.

■ 137.0040,
-26.6240, -47.3615

■ 137.0040,
-26.6240, -47.3615

■ 255.0000, 0.0000,
0.0000

■ 109.6340,
-25.4556, -48.7910

■ 192.5480,
-28.3712, -46.9616

■ 79.5730, -22.9605,
-55.7535

■ 218.2710,
-28.2346, -44.0877

■ 56.9220, -25.5975,
-49.9206

■ 229.8350,
-20.1317, -29.6733

■ 41.6770, -20.5468,
-36.5507

■ 241.6980,
-12.1761, -14.6441

■ 28.1760, -13.8908,
-24.7104

■ 253.9740, -3.9312,
0.8998

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,

0.0000

■ 137.0040,
-26.6240, -47.3615

■ 137.0040,
-26.6240, -47.3615

■ 129.9830,
-31.5436, -56.1131

■ 144.4380,
-21.4149, -38.0951

■ 122.5490,
-36.7527, -65.3795

■ 151.4590,
-16.4953, -29.3435

■ 115.1150,
-41.9617, -74.6459

■ 158.8930,
-11.2862, -20.0772

■ 108.0940,
-46.8813, -83.3974

■ 165.9140, -6.3666,
-11.3256

■ 102.7250,
-50.6434, -90.0898

■ 173.3480, -1.1576,
-2.0592

■ 180.3690, 3.7621,
6.6924

■ 187.8030, 8.9711,
15.9588

■ 194.8240, 13.8908,
24.7104

■ 202.2580, 19.0998,
33.9767

Harmonies

Analogous

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



145.8350, -50.2047, 2.7757



137.0040, -26.6240, -47.3615



121.7510, 7.0248, -106.7756

Triad

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



137.0040, -26.6240, -47.3615



127.0990, 63.0552, -111.4658



153.2500, -15.4062, 88.3577

Complementary

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



137.0040, -26.6240, -47.3615



120.9960, 26.6240, 47.3615

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.



156.7150, 9.5075, 77.4259



137.0040, -26.6240, -47.3615



153.6090, 49.9858, -25.9671

Square

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



137.0040, -26.6240, -47.3615



131.5040, 52.0095, -115.3290



160.6080, 31.7453, 38.0548



152.3750, -38.6389, 73.3391

Rectangle

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



137.0040, -26.6240, -47.3615



126.5560, 22.8969, -110.9896



160.6080, 31.7453, 38.0548



153.5410, -6.6757, 88.1025

Sweetspot

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



137.0040, -26.6240, -47.3615



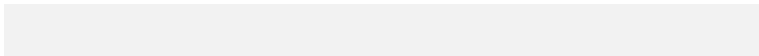
212.1320, -10.4181, -18.5328



164.5120, -40.1854, 9.1980



105.9140, -6.3666, -11.3256



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



137.0040, -26.6240, -47.3615



167.9410, -41.3829, -73.6163



142.2480, -6.5313, -51.9605



83.2830, -2.6045, -4.6332



88.0500, -43.4087, -77.2198



13.5010, -6.6560, -11.8404

Inverse Universe

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



120.9960, 26.6240, 47.3615



143.0590, 41.3829, 73.6163



115.7520, 6.5313, 51.9605



81.7170, 2.6045, 4.6332



61.9500, 43.4087, 77.2198



9.4990, 6.6560, 11.8404

Previews

White Background



This preview shows how the YUV color 137.0040, -26.6240, -47.3615 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 137.0040, -26.6240, -47.3615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

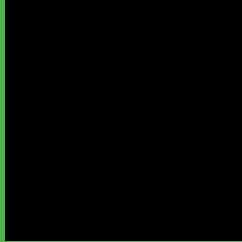
Any Text WCAG AA ✓ Pass

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 137.0040, -26.6240, -47.3615 Background



This preview shows how black text looks on a background with the YUV color 137.0040, -26.6240, -47.3615.



This preview shows how white text looks on a background with the YUV color 137.0040, -26.6240, -47.3615.

-47.3615.

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

137.0040, -26.6240, -47.3615

Protanopia

150.7780, -36.8656, 17.7347

Deuteranopia

153.3480, -31.2306, 30.3898



Tritanopia

148.2430, 14.6702, -38.8011

Trichromacy



Original Color

137.0040, -26.6240, -47.3615

Protanomaly

145.6610, -32.8639, -5.8417

Deuteranomaly

147.5140, -29.8334, 2.1802

Tritanomaly

144.2090, -0.5960, -42.2793

Monochromacy



Original Color

137.0040, -26.6240, -47.3615

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.9580, -9.8393, -17.5032

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.0040, -26.6240, -47.3615 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(83, 175, 83)` looks like.

```
.text, #text, p{  
    color:rgb(83, 175, 83)  
}
```

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(83, 175, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 175, 83) }
```

Border

The CSS property to change the border of an element to YUV 137.0040, -26.6240, -47.3615 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(83, 175, 83) }
```


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

```
.border{ border-color:rgb(83, 175, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 175, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 175, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 175, 83);  
box-shadow:4px 4px 4px 4px rgb(83, 175,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 137.0040, -26.6240, -47.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 175, 83) }
```

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

```
.background{ background-color: rgb(83, 175,  
83) }
```

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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