

Converting Colors

YUV(137.1030, 37.9102,
67.4387)

Have a look what the booklet for
YUV(137.1030, 37.9102, 67.4387)
contains.

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Color

**YUV(137.1030, 37.9102,
67.4387)**

Conversions

Conversions Part 1

Format	Color
Hex	D653D6
RGB	214, 83, 214
RGB Percent	84%, 33%, 84%
CMY	0.1608, 0.6745, 0.1608
CMYK	0.00, 0.61, 0.00, 0.16
HSL	300°, 62%, 58%
HSV	300°, 61%, 84%
XYZ	42.9624, 25.3377, 66.2446
YIQ	137.1030, 36.0250, 68.5130

Conversions

Conversions Part 2

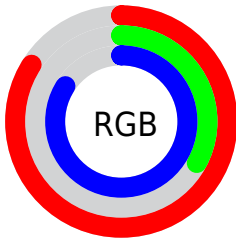
Format	Color
R_{YB}	214, 83, 214
Decimal	14046166
CIE _{Lab}	57.40, 67.33, -42.91
CIE _{LCh}	57, 79.845, 327.489
Yxy	25.3377, 0.3193, 0.1883
Android (android.graphics.Color)	4292236246 (0xFFD653D6)
YUV	137.1030, 37.9102, 67.4387
Hunter-Lab	50.3366, 64.2613, -42.7921

Details

The YUV color **137.1030, 37.9102, 67.4387** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **159.8970, -37.9102, -67.4387**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.4950, 33.2800, 59.2019**, and **70.6400, 43.5615, 74.8607** is the 20% darker color. If you saturate the color by 10%, you get **124.7760, 43.9874, 78.2494**, and if you desaturate by 10%, it is **149.4300, 31.8330, 56.6279**.

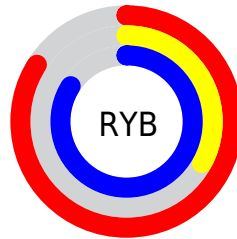
Distribution



Red (84%)

Green (33%)

Blue (84%)



Red (84%)

Yellow (33%)

Blue (84%)

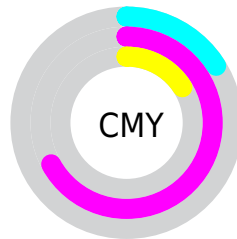


Cyan (0%)

Magenta (61%)

Yellow (0%)

Black (16%)



Cyan (16%)

Magenta (67%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.1030, 37.9102, 67.4387 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 137.1030, 37.9102, 67.4387 by changing the saturation by 10% instead.

137.1030, 37.9102,
67.4387

137.1030, 37.9102,
67.4387

255.0000, 0.0000,
0.0000

107.6300, 38.6364,
67.8535

187.4950, 33.2800,
59.2019

70.6400, 43.5615,
74.8607

204.5180, 24.8876,
44.2727

53.3200, 38.7892,
65.4944

221.5410, 16.4953,
29.3435

41.9840, 31.5599,
50.8800

238.5640, 8.1029,
14.4144

30.8760, 25.2041,
36.0657

20.6650, 18.4062,
23.0958

6.3820, 14.1087,

1.4190

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 137.1030, 37.9102,
67.4387

■ 137.1030, 37.9102,
67.4387

■ 124.7760, 43.9874,
78.2494

■ 149.4300, 31.8330,
56.6279

■ 111.8620, 50.3540,
89.5750

■ 162.3440, 25.4664,
45.3023

■ 99.5350, 56.4312,
100.3858

■ 174.6710, 19.3892,
34.4915

■ 88.3820, 61.9297,
110.1670

■ 187.5850, 13.0226,
23.1660

199.9120, 6.9454,
12.3552

212.2390, 0.8682,
1.5444

225.1530, -5.4984,
-9.7812

237.4800,
-11.5756, -20.5920

238.0670,
-11.8650, -21.1068

Harmonies

Analogous

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



135.3680, 58.9786, -16.9857



137.1030, 37.9102, 67.4387



120.8800, 12.8772, 116.7462

Triad

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



137.1030, 37.9102, 67.4387



129.4990, -63.8430, 37.2734



121.5300, 39.1787, -106.5818

Complementary

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



137.1030, 37.9102, 67.4387



159.8970, -37.9102, -67.4387

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.



112.8490, 8.4554, -98.9686



137.1030, 37.9102, 67.4387



120.0210, -59.1704, -14.9274

Square

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



137.1030, 37.9102, 67.4387



127.1380, -62.6790, 84.0710



102.0650, -22.7100, -89.5110



124.7510, 64.2128, -109.4066

Rectangle

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



137.1030, 37.9102, 67.4387



118.8700, -8.8099, 119.3860



102.0650, -22.7100, -89.5110



118.9080, 29.1324, -104.2823

Sweetspot

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



137.1030, 37.9102, 67.4387



227.9980, 13.3120, 23.6808



97.9340, 57.2205, -13.0971



110.9770, 8.3923, 14.9292



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



137.1030, 37.9102, 67.4387



145.8180, 53.8267, 95.7526



129.6930, 9.5184, 73.9372



100.5430, 3.1833, 5.6628



70.6230, 49.4859, 88.0306



17.7590, 12.4438, 22.1364

Inverse Universe

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



137.1030, 37.9102, 67.4387



145.8180, 53.8267, 95.7526



167.4210, -9.0816, -74.0372



100.5430, 3.1833, 5.6628



70.6230, 49.4859, 88.0306



17.7590, 12.4438, 22.1364

Previews

White Background



This preview shows how the YUV color 137.1030, 37.9102, 67.4387 looks on a white background.

Color Contrast Check

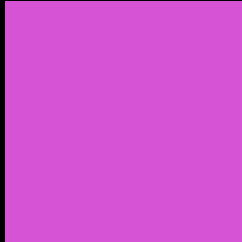
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.1030, 37.9102, 67.4387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

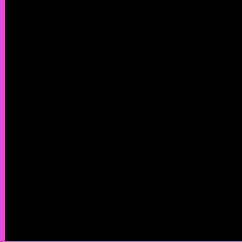
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 137.1030, 37.9102, 67.4387

Background



This preview shows how black text looks on a background with the YUV color 137.1030, 37.9102, 67.4387.



This preview shows how white text looks on a background with the YUV color 137.1030, 37.9102, 67.4387.

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

137.1030, 37.9102, 67.4387

Protanopia

130.4520, 61.4022, -47.7544

Deuteranopia

136.3800, 33.8297, -24.0123



Tritanopia

138.7190, -10.2145, 56.3744

Trichromacy



Original Color

137.1030, 37.9102, 67.4387



Protanomaly

132.5390, 52.9783, -5.7347



Deuteranomaly

136.3440, 35.3264, 9.3453



Tritanomaly

138.0350, 7.3777, 60.4823

Monochromacy



Original Color

137.1030, 37.9102, 67.4387



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

136.8240, 13.8908, 24.7104

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.1030, 37.9102, 67.4387 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(214, 83, 214)` looks like.

```
.text, #text, p{  
    color:rgb(214, 83, 214)  
}
```

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(214, 83, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 83, 214) }
```

Border

The CSS property to change the border of an element to YUV 137.1030, 37.9102, 67.4387 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(214, 83, 214) }
```


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

```
.border{ border-color:rgb(214, 83, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 83, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 83, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 83, 214);  
box-shadow:4px 4px 4px 4px rgb(214, 83,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 137.1030, 37.9102, 67.4387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 83, 214) }
```

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

```
.background{ background-color: rgb(214, 83,  
214) }
```

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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