

Converting Colors

YUV(134.0330, 37.4517,
74.5161)

Have a look what the booklet for
YUV(134.0330, 37.4517, 74.5161)
contains.

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Color

**YUV(134.0330, 37.4517,
74.5161)**

Conversions

Conversions Part 1

Format	Color
Hex	DB4CD2
RGB	219, 76, 210
RGB Percent	86%, 30%, 82%
CMY	0.1412, 0.7020, 0.1765
CMYK	0.00, 0.65, 0.04, 0.14
HSL	304°, 67%, 58%
HSV	304°, 65%, 86%
XYZ	43.4307, 24.8821, 63.4864
YIQ	134.0330, 42.2140, 71.9900

Conversions

Conversions Part 2

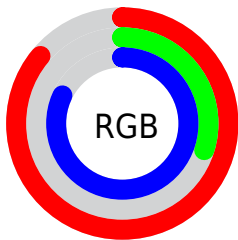
Format	Color
R_{YB}	219, 76, 210
Decimal	14372050
CIE _{Lab}	56.96, 70.63, -41.29
CIE _{LCh}	57, 81.814, 329.689
Yxy	24.8821, 0.3295, 0.1888
Android (android.graphics.Color)	4292562130 (0xFFDB4CD2)
YUV	134.0330, 37.4517, 74.5161
Hunter-Lab	49.8820, 68.1212, -40.5430

Details

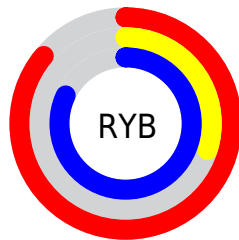
The YUV color **134.0330, 37.4517, 74.5161** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **160.9670, -37.4517, -74.5161**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.9730, 35.0163, 62.2907**, and **65.5100, 44.1186, 82.8677** is the 20% darker color. If you saturate the color by 10%, you get **121.0050, 43.3815, 85.9416**, and if you desaturate by 10%, it is **147.0610, 31.5219, 63.0905**.

Distribution



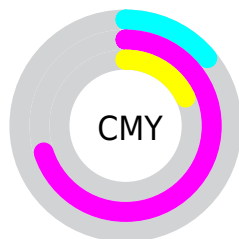
- Red (86%)
- Green (30%)
- Blue (82%)



- Red (86%)
- Yellow (30%)
- Blue (82%)



- Cyan (0%)
- Magenta (65%)
- Yellow (4%)
- Black (14%)





- Cyan (14%)
- Magenta (70%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.0330, 37.4517, 74.5161 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 134.0330, 37.4517, 74.5161 by changing the saturation by 10% instead.


 134.0330, 37.4517,
74.5161


 134.0330, 37.4517,
74.5161


255.0000, 0.0000,
0.0000


 102.5000, 39.1935,
75.8605


 183.9730, 35.0163,
62.2907


 65.5100, 44.1186,
82.8677


 200.9960, 26.6240,
47.3615

 54.0600, 36.4524,
68.3534


 218.0190, 18.2316,
32.4323

 42.8380, 29.6599,
53.6391

 235.6290, 9.5499,
16.9884

 31.6160, 22.8673,
38.9248

 253.2390, 0.8682,
1.5444

 21.2200, 16.6535,
25.2401

 8.1330, 11.7664,

6.0224

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 134.0330, 37.4517,
74.5161

■ 134.0330, 37.4517,
74.5161

■ 121.0050, 43.3815,
85.9416

■ 147.0610, 31.5219,
63.0905

■ 107.8630, 48.8745,
97.4671

■ 160.2030, 26.0289,
51.5650

■ 94.8350, 54.8043,
108.8927

■ 173.2310, 20.0991,
40.1394

■ 88.8510, 57.2615,
114.1407

■ 186.3730, 14.6061,
28.6139

199.4010, 8.6763,
17.1883

211.8420, 3.0359,
6.2776

224.9840, -2.4571,
-5.2480

238.0120, -8.3869,
-16.6735

240.4740, -9.1077,
-18.8327

Harmonies

Analogous

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



135.4120, 58.9569, -10.0083



134.0330, 37.4517, 74.5161



114.6250, 13.0029, 123.1089

Triad

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



134.0330, 37.4517, 74.5161



128.2920, -63.2480, 33.0699



121.5130, 41.6521, -106.5669

Complementary

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



134.0330, 37.4517, 74.5161



160.9670, -37.4517, -74.5161

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.



113.3050, 10.2026, -99.3685



134.0330, 37.4517, 74.5161



117.3300, -57.8437, -20.4604

Square

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



134.0330, 37.4517, 74.5161



126.2410, -62.2368, 82.2266



101.7060, -21.5471, -89.1962



124.1640, 64.5021, -108.8918

Rectangle

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



134.0330, 37.4517, 74.5161



115.1370, -10.4205, 122.6599



101.7060, -21.5471, -89.1962



118.8910, 31.6057, -104.2674

Sweetspot

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



134.0330, 37.4517, 74.5161



224.7210, 13.4485, 26.5547



94.3950, 61.4303, -9.9934



109.5750, 8.0975, 16.1587



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.



134.0330, 37.4517, 74.5161



136.7050, 51.9104, 103.7447



126.0530, 6.8759, 81.5145



103.4290, 2.7465, 5.7628



70.1950, 45.2599, 90.1600



18.6560, 12.0016, 23.9807

Inverse Universe

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



134.0330, 37.4517, 74.5161



136.7050, 51.9104, 103.7447



168.9470, -6.8759, -81.5145



103.4290, 2.7465, 5.7628



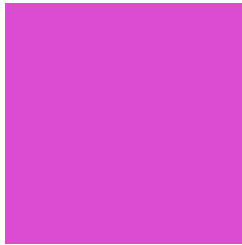
70.1950, 45.2599, 90.1600



18.6560, 12.0016, 23.9807

Previews

White Background



This preview shows how the YUV color 134.0330, 37.4517, 74.5161 looks on a white background.

Color Contrast Check

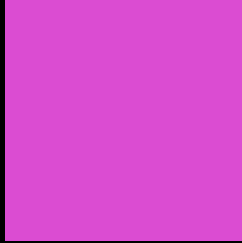
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.0330, 37.4517, 74.5161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

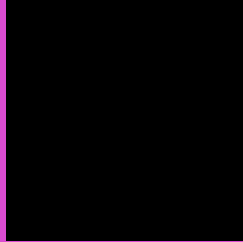
Any Text WCAG AA ✓ Pass

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 134.0330, 37.4517, 74.5161 Background



This preview shows how black text looks on a background with the YUV color 134.0330, 37.4517, 74.5161.



This preview shows how white text looks on a background with the YUV color 134.0330, 37.4517, 74.5161.

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

134.0330, 37.4517, 74.5161

Protanopia

128.9680, 62.1338, -49.0839

Deuteranopia

135.8210, 31.6402, -21.7680



Tritanopia

136.7090, -11.6885, 62.5222

Trichromacy



Original Color

134.0330, 37.4517, 74.5161



Protanomaly

130.6640, 53.4096, -4.0903



Deuteranomaly

135.0240, 34.0052, 13.1340



Tritanomaly

135.4380, 6.1931, 67.1449

Monochromacy



Original Color

134.0330, 37.4517, 74.5161



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

134.1340, 13.7379, 27.0695

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.0330, 37.4517, 74.5161 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(219, 76, 210)` looks like.

```
.text, #text, p{  
    color:rgb(219, 76, 210)  
}
```

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(219, 76, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 76, 210) }
```

Border

The CSS property to change the border of an element to YUV 134.0330, 37.4517, 74.5161 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(219, 76, 210) }
```


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

```
.border{ border-color:rgb(219, 76, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 76, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 76, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 76, 210);  
box-shadow:4px 4px 4px 4px rgb(219, 76,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 134.0330, 37.4517, 74.5161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 76, 210) }
```

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

```
.background{ background-color: rgb(219, 76,  
210) }
```

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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