

Converting Colors

YUV(133.8240, 37.5548,
41.3734)

Have a look what the booklet for
YUV(133.8240, 37.5548, 41.3734)
contains.

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Color

**YUV(133.8240, 37.5548,
41.3734)**

Conversions

Conversions Part 1

Format	Color
Hex	B55FD2
RGB	181, 95, 210
RGB Percent	71%, 37%, 82%
CMY	0.2902, 0.6275, 0.1765
CMYK	0.14, 0.55, 0.00, 0.18
HSL	285°, 56%, 60%
HSV	285°, 55%, 82%
XYZ	34.7811, 22.6613, 63.5137
YIQ	133.8240, 14.3410, 53.9970

Conversions

Conversions Part 2

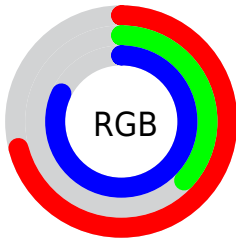
Format	Color
R_{YB}	181, 95, 210
Decimal	11886546
CIE _{Lab}	54.72, 52.80, -45.17
CIE _{LCh}	55, 69.487, 319.450
Yxy	22.6613, 0.2876, 0.1874
Android (android.graphics.Color)	4290076626 (0xFFB55FD2)
YUV	133.8240, 37.5548, 41.3734
Hunter-Lab	47.6039, 47.1117, -45.7827

Details

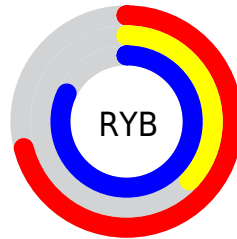
The YUV color **133.8240, 37.5548, 41.3734** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **171.1760, -37.5548, -41.3734**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.9940, 33.0340, 44.7323**, and **79.6990, 37.1234, 39.7290** is the 20% darker color. If you saturate the color by 10%, you get **120.0020, 44.3690, 49.1102**, and if you desaturate by 10%, it is **147.6460, 30.7405, 33.6365**.

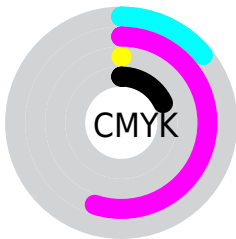
Distribution



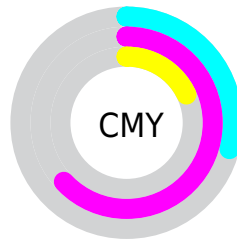
- Red (71%)
- Green (37%)
- Blue (82%)



- Red (71%)
- Yellow (37%)
- Blue (82%)



- Cyan (14%)
- Magenta (55%)
- Yellow (0%)
- Black (18%)



- Cyan (29%)
- Magenta (63%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.8240, 37.5548, 41.3734 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 133.8240, 37.5548, 41.3734 by changing the saturation by 10% instead.

■ 133.8240, 37.5548,
41.3734

■ 133.8240, 37.5548,
41.3734

255.0000, 0.0000,
0.0000

■ 106.9980, 36.9760,
40.3438

■ 187.9940, 33.0340,
44.7323

■ 79.6990, 37.1234,
39.7290

■ 208.6270, 22.8619,
40.6691

■ 48.0030, 39.4385,
43.8474

■ 225.6500, 14.4696,
25.7400

■ 32.9710, 34.5243,
33.3514

■ 242.6730, 6.0772,
10.8108

■ 22.3470, 27.4369,
19.8667

■ 11.5380, 20.9338,
5.6672

■ 4.8220, 13.3988,

-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 133.8240, 37.5548,
41.3734

■ 133.8240, 37.5548,
41.3734

■ 120.0020, 44.3690,
49.1102

■ 147.6460, 30.7405,
33.6365

■ 105.8810, 51.3307,
56.2324

■ 161.7670, 23.7789,
26.5143

■ 92.0590, 58.1449,
63.9693

■ 175.5890, 16.9646,
18.7774

■ 78.2370, 64.9592,
71.7062

■ 189.4110, 10.1504,
11.0406

70.8830, 68.5847,
75.5246

203.2330, 3.3361,
3.3037

217.3540, -3.6255,
-3.8185

231.1760,
-10.4398, -11.5554

240.3020,
-14.9389, -15.1739

242.0960,
-15.8233, -11.4852

Harmonies

Analogous

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



123.7410, 59.7807, -40.9919



133.8240, 37.5548, 41.3734



124.8720, 14.8531, 89.5663

Triad

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



133.8240, 37.5548, 41.3734



123.3520, -60.8125, 45.2953



112.0120, 28.0951, -98.2345

Complementary

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



133.8240, 37.5548, 41.3734



171.1760, -37.5548, -41.3734

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.



104.3570, 1.3030, -91.5211



133.8240, 37.5548, 41.3734



118.3590, -58.3510, 2.3162

Square

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



133.8240, 37.5548, 41.3734



124.0940, -42.4443, 80.6016



103.5200, -29.3434, -61.8460



116.2930, 52.1136, -101.9890

Rectangle

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



133.8240, 37.5548, 41.3734



120.6550, -2.7879, 101.1576



103.5200, -29.3434, -61.8460



109.7320, 19.3591, -96.2350

Sweetspot

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



133.8240, 37.5548, 41.3734



227.9430, 13.3391, 14.9590



126.3070, 41.2606, -27.4562



111.2320, 8.2666, 8.5665



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.



133.8240, 37.5548, 41.3734



143.8260, 54.8088, 60.6656



139.4170, 21.4864, 61.9013



97.6460, 3.6255, 3.8185



56.8260, 54.8088, 60.6656



13.9430, 13.3391, 14.9590

Inverse Universe

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



132.6910, -4.2847, 67.8000



142.0200, -6.4189, 99.0835



165.5830, -21.4864, -61.9013



97.6310, -0.3111, 6.4626



55.0200, -6.4189, 99.0835



13.3990, -1.6757, 24.2061

Previews

White Background



This preview shows how the YUV color 133.8240, 37.5548, 41.3734 looks on a white background.

Color Contrast Check

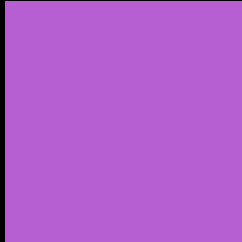
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.8240, 37.5548, 41.3734 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 133.8240, 37.5548, 41.3734 Background



This preview shows how black text looks on a background with the YUV color 133.8240, 37.5548, 41.3734.



This preview shows how white text looks on a background with the YUV color 133.8240, 37.5548,

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

133.8240, 37.5548, 41.3734

Protanopia

124.7360, 57.3182, -44.4955

Deuteranopia

128.1450, 36.9035, -29.9452



Tritanopia

133.5740, -3.7340, 31.0686

Trichromacy



Original Color

133.8240, 37.5548, 41.3734



Protanomaly

128.0990, 50.2372, -13.2418



Deuteranomaly

130.4240, 37.2590, -3.8798



Tritanomaly

133.6080, 11.5323, 34.5468

Monochromacy



Original Color

133.8240, 37.5548, 41.3734



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

134.0570, 13.7759, 14.8590

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.8240, 37.5548, 41.3734 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(181, 95, 210)` looks like.

```
.text, #text, p{  
    color:rgb(181, 95, 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(181, 95, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 95, 210) }
```

Border

The CSS property to change the border of an element to YUV 133.8240, 37.5548, 41.3734 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(181, 95, 210) }
```


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

```
.border{ border-color:rgb(181, 95, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 95, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 95, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 95, 210);  
box-shadow:4px 4px 4px 4px rgb(181, 95,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 133.8240, 37.5548, 41.3734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 95, 210) }
```

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

```
.background{ background-color: rgb(181, 95,  
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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