

Converting Colors

YUV(163.4170, 34.7974,
39.0993)

Have a look what the booklet for
YUV(163.4170, 34.7974, 39.0993)
contains.

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Color

**YUV(163.4170, 34.7974,
39.0993)**

Conversions

Conversions Part 1

Format	Color
Hex	D07FEA
RGB	208, 127, 234
RGB Percent	82%, 50%, 92%
CMY	0.1843, 0.5020, 0.0824
CMYK	0.11, 0.46, 0.00, 0.08
HSL	285°, 72%, 71%
HSV	285°, 46%, 92%
XYZ	48.4531, 34.5292, 81.9529
YIQ	163.4170, 13.9290, 50.4490

Conversions

Conversions Part 2

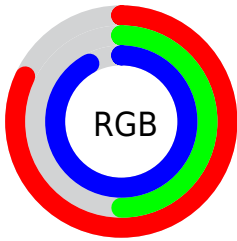
Format	Color
R _{YB}	208, 127, 234
Decimal	13664234
CIE _{Lab}	65.38, 48.64, -41.62
CIE _{LCh}	65, 64.016, 319.452
Yxy	34.5292, 0.2938, 0.2093
Android (android.graphics.Color)	4291854314 (0xFFD07FEA)
YUV	163.4170, 34.7974, 39.0993
Hunter-Lab	58.7615, 44.3534, -41.5569

Details

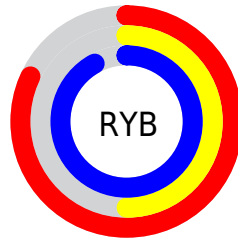
The YUV color **163.4170, 34.7974, 39.0993** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **197.5830, -34.7974, -39.0993**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.1490, 21.1255, 37.5803**, and **109.7650, 33.6399, 37.0401** is the 20% darker color. If you saturate the color by 10%, you get **148.1220, 42.3379, 47.2510**, and if you desaturate by 10%, it is **178.7120, 27.2570, 30.9476**.

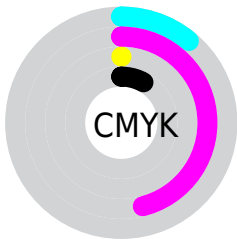
Distribution



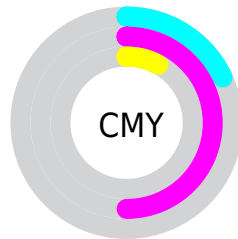
- Red (82%)
- Green (50%)
- Blue (92%)



- Red (82%)
- Yellow (50%)
- Blue (92%)



- Cyan (11%)
- Magenta (46%)
- Yellow (0%)
- Black (8%)





- Cyan (18%)
- Magenta (50%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 163.4170, 34.7974, 39.0993 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 163.4170, 34.7974, 39.0993 by changing the saturation by 10% instead.


 163.4170, 34.7974,
39.0993


 163.4170, 34.7974,
39.0993


255.0000, 0.0000,
0.0000


 136.2920, 34.3660,
37.4549


 212.1490, 21.1255,
37.5803


 109.7650, 33.6399,
37.0401


 228.5850, 13.0226,
23.1660

 83.0530, 33.4979,
35.9105

 245.6080, 4.6303,
8.2368

 54.8790, 34.0767,
36.9401

 32.5150, 32.7771,
33.7513

 22.3040, 25.9791,
20.7814

 11.7940, 19.3286,

7.1967

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 163.4170, 34.7974,
39.0993

■ 163.4170, 34.7974,
39.0993

■ 148.1220, 42.3379,
47.2510

■ 178.7120, 27.2570,
30.9476

■ 132.5390, 50.0203,
56.5323

■ 194.2950, 19.5746,
21.6663

■ 117.2440, 57.5607,
64.6840

■ 209.5900, 12.0341,
13.5146

■ 101.3620, 65.3905,
73.3505

■ 225.4720, 4.2043,
4.8481

86.3660, 72.7836,
82.1170

240.4680, -3.1887,
-3.9184

79.5990, 76.1197,
85.4207

248.7190, -7.2565,
-5.8926

250.5130, -8.1409,
-2.2039

252.0080, -8.8779,
0.8700

252.6060, -9.1728,
2.0995

Harmonies

Analogous

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



154.4730, 49.5598, -29.3558



163.4170, 34.7974, 39.0993



158.9050, 11.3858, 81.6443

Triad

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



163.4170, 34.7974, 39.0993



152.6340, -58.4866, 45.9250



131.4120, 31.3489, -115.2483

Complementary

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



163.4170, 34.7974, 39.0993



197.5830, -34.7974, -39.0993

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.



124.0990, 5.8672, -108.8348



163.4170, 34.7974, 39.0993



147.6950, -54.5726, 3.7755

Square

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



163.4170, 34.7974, 39.0993



155.2400, -40.5443, 77.8425



138.7110, -28.9445, -49.7355



134.7640, 54.3463, -118.1880

Rectangle

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



163.4170, 34.7974, 39.0993



153.5950, -5.2233, 88.9322



138.7110, -28.9445, -49.7355



129.2460, 23.0497, -113.3487

Sweetspot

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



163.4170, 34.7974, 39.0993



231.1770, 11.7447, 12.9998



155.0470, 38.9238, -24.5972



113.2920, 7.2510, 7.6369



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.



163.4170, 34.7974, 39.0993



162.6540, 45.5266, 51.1694



168.1130, 19.1713, 57.7829



109.6460, 3.6255, 3.8185



61.5970, 58.8657, 66.1284



18.4150, 17.5434, 19.8070

Inverse Universe

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



161.9570, -4.4158, 63.1817



160.7360, -5.7858, 82.6695



192.8870, -19.1713, -57.7829



109.5170, -0.7479, 6.5626



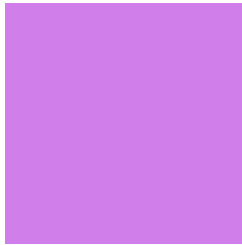
59.1350, -7.4616, 106.8756



17.6280, -2.2816, 31.8982

Previews

White Background



This preview shows how the YUV color 163.4170, 34.7974, 39.0993 looks on a white background.

Color Contrast Check

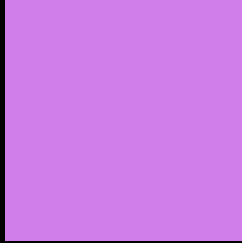
Large Text (above 18pt) WCAG AA × Fail

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 163.4170, 34.7974, 39.0993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

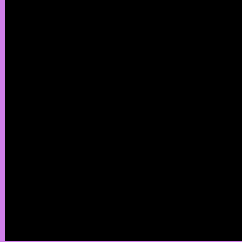
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.4170, 34.7974, 39.0993

Background



This preview shows how black text looks on a background with the YUV color 163.4170, 34.7974, 39.0993.



This preview shows how white text looks on a background with the YUV color 163.4170, 34.7974,

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

163.4170, 34.7974, 39.0993

Protanopia

156.8210, 48.4022, -31.4150

Deuteranopia

158.2060, 34.4084, -22.9827



Tritanopia

161.8020, -2.8604, 30.8686

Trichromacy



Original Color

163.4170, 34.7974, 39.0993



Protanomaly

159.0200, 43.3741, -5.2795



Deuteranomaly

160.3490, 34.3379, -0.3061



Tritanomaly

162.0810, 10.8061, 34.1320

Monochromacy



Original Color

163.4170, 34.7974, 39.0993



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

163.1170, 12.7603, 13.9294

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.4170, 34.7974, 39.0993 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(208, 127, 234)` looks like.

```
.text, #text, p{  
    color:rgb(208, 127, 234)  
}
```

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(208, 127, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 127, 234) }
```

Border

The CSS property to change the border of an element to YUV 163.4170, 34.7974, 39.0993 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(208, 127, 234) }
```


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

```
.border{ border-color:rgb(208, 127, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 127, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 127, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 127, 234);  
box-shadow:4px 4px 4px 4px rgb(208, 127,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 163.4170, 34.7974, 39.0993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 127, 234) }
```

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

```
.background{ background-color: rgb(208,  
127, 234) }
```

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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