

Converting Colors

YUV(163.7630, 40.0498,
34.4108)

Have a look what the booklet for
YUV(163.7630, 40.0498, 34.4108)
contains.

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Color

**YUV(163.7630, 40.0498,
34.4108)**

Conversions

Conversions Part 1

Format	Color
Hex	CB80F5
RGB	203, 128, 245
RGB Percent	80%, 50%, 96%
CMY	0.2039, 0.4980, 0.0392
CMYK	0.17, 0.48, 0.00, 0.04
HSL	278°, 85%, 73%
HSV	278°, 48%, 96%
XYZ	48.8292, 34.7274, 90.5157
YIQ	163.7630, 7.1430, 52.2870

Conversions

Conversions Part 2

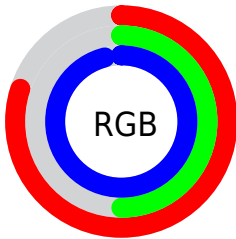
Format	Color
RYB	203, 128, 245
Decimal	13336821
CIELab	65.54, 49.00, -47.48
CIELCh	66, 68.230, 315.908
Yxy	34.7274, 0.2805, 0.1995
Android (android.graphics.Color)	4291526901 (0xFFCB80F5)
YUV	163.7630, 40.0498, 34.4108
Hunter-Lab	58.9300, 44.7771, -49.8177

Details

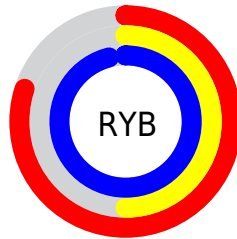
The YUV color **163.7630, 40.0498, 34.4108** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **209.2370, -40.0498, -34.4108**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.7360, 20.8362, 37.0655**, and **109.6980, 38.6029, 31.8369** is the 20% darker color. If you saturate the color by 10%, you get **146.3970, 48.6113, 41.7478**, and if you desaturate by 10%, it is **181.1290, 31.4884, 27.0739**.

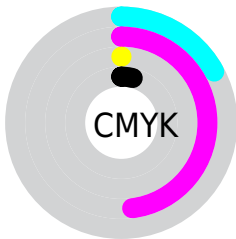
Distribution



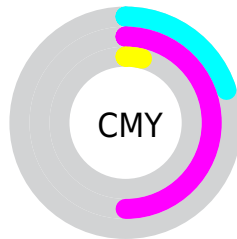
- Red (80%)
- Green (50%)
- Blue (96%)



- Red (80%)
- Yellow (50%)
- Blue (96%)



- Cyan (17%)
- Magenta (48%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (50%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.7630, 40.0498, 34.4108 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 163.7630, 40.0498, 34.4108 by changing the saturation by 10% instead.

163.7630, 40.0498,
34.4108

163.7630, 40.0498,
34.4108

255.0000, 0.0000,
0.0000

136.5240, 39.1817,
32.8665

212.7360, 20.8362,
37.0655

109.6980, 38.6029,
31.8369

229.1720, 12.7332,
22.6512

83.2850, 38.3135,
31.3221

246.1950, 4.3409,
7.7220

55.6980, 38.6029,
31.8369

31.7470, 37.5927,
29.1629

20.8240, 30.6528,
15.0634

9.4170, 24.4444,

-0.3657

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 163.7630, 40.0498,
34.4108

■ 163.7630, 40.0498,
34.4108

■ 146.3970, 48.6113,
41.7478

■ 181.1290, 31.4884,
27.0739

■ 129.6180, 56.8833,
48.5700

■ 197.9080, 23.2164,
20.2517

■ 113.1380, 65.0080,
56.0070

■ 214.9750, 14.8023,
12.2999

■ 95.7720, 73.5694,
63.3440

■ 231.7540, 6.5303,
5.4777

■ 78.9930, 81.8415,
70.1661

■ 249.1200, -2.0312,
-1.8592

■ 74.8730, 83.8726,
72.0254

■ 253.8600, -4.3680,
0.9998

Harmonies

Analogous

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



149.3570, 52.0820, -45.0401



163.7630, 40.0498, 34.4108



158.4800, 16.0324, 84.6480

Triad

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



163.7630, 40.0498, 34.4108



152.2390, -62.7288, 53.2874



132.1300, 29.0229, -115.8780

Complementary

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



163.7630, 40.0498, 34.4108



209.2370, -40.0498, -34.4108

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.



123.6600, 1.6466, -108.4498



163.7630, 40.0498, 34.4108



146.8070, -64.4879, 10.6933

Square

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



163.7630, 40.0498, 34.4108



154.4090, -40.1346, 86.4643



138.5390, -34.7757, -46.0767



136.6390, 53.9150, -119.8324

Rectangle

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



163.7630, 40.0498, 34.4108



150.8710, -0.4294, 91.3211



138.5390, -34.7757, -46.0767



129.7360, 19.8502, -113.7785

Sweetspot

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



163.7630, 40.0498, 34.4108



229.9810, 12.3344, 10.5407



166.5790, 38.6616, -33.8338



112.6940, 7.5459, 6.4074



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.



163.7630, 40.0498, 34.4108



154.3370, 49.6269, 42.6775



174.4970, 26.8700, 61.8311



113.7600, 4.0623, 3.7185



56.7850, 63.7030, 54.5626



18.0880, 20.1696, 17.4628

Inverse Universe

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



167.7710, 1.0989, 67.7298



159.2830, 1.3395, 83.9438



198.5030, -26.8700, -61.8311



114.1580, 0.4151, 6.8774



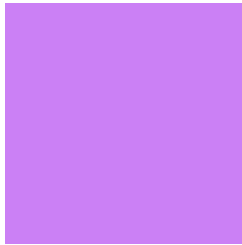
63.2520, 1.8478, 107.6500



20.0350, 0.4757, 34.1723

Previews

White Background



This preview shows how the YUV color 163.7630, 40.0498, 34.4108 looks on a white background.

Color Contrast Check

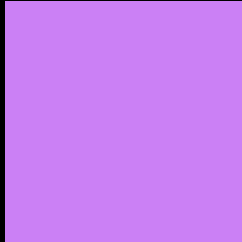
Large Text (above 18pt) WCAG AA × Fail

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 163.7630, 40.0498, 34.4108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

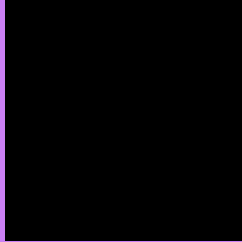
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.7630, 40.0498, 34.4108

Background



This preview shows how black text looks on a background with the YUV color 163.7630, 40.0498, 34.4108.



This preview shows how white text looks on a background with the YUV color 163.7630, 40.0498, 34.4108.

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

163.7630, 40.0498, 34.4108

Protanopia

156.8210, 48.4022, -31.4150

Deuteranopia

157.3560, 40.2505, -30.1302



Tritanopia

161.9260, -0.9495, 24.6209

Trichromacy



Original Color

163.7630, 40.0498, 34.4108



Protanomaly

159.4650, 45.1268, -7.4238



Deuteranomaly

159.7980, 40.0326, -6.8388



Tritanomaly

162.8460, 13.8799, 28.1991

Monochromacy



Original Color

163.7630, 40.0498, 34.4108



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

163.8610, 14.3655, 12.3999

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.7630, 40.0498, 34.4108 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(203, 128, 245)` looks like.

```
.text, #text, p{  
    color:rgb(203, 128, 245)  
}
```

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(203, 128, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 128, 245) }
```

Border

The CSS property to change the border of an element to YUV 163.7630, 40.0498, 34.4108 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(203, 128, 245) }
```


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

```
.border{ border-color:rgb(203, 128, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 128, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 128, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 128, 245);  
box-shadow:4px 4px 4px 4px rgb(203, 128,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 163.7630, 40.0498, 34.4108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 128, 245) }
```

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

```
.background{ background-color: rgb(203,  
128, 245) }
```

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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