

Converting Colors

YUV(167.7730, 21.3109,
24.7551)

Have a look what the booklet for
YUV(167.7730, 21.3109, 24.7551)
contains.

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Color

**YUV(167.7730, 21.3109,
24.7551)**

Conversions

Conversions Part 1

Format	Color
Hex	C491D3
RGB	196, 145, 211
RGB Percent	77%, 57%, 83%
CMY	0.2314, 0.4314, 0.1725
CMYK	0.07, 0.31, 0.00, 0.17
HSL	286°, 43%, 70%
HSV	286°, 31%, 83%
XYZ	44.6482, 36.6897, 66.3566
YIQ	167.7730, 9.2100, 31.3380

Conversions

Conversions Part 2

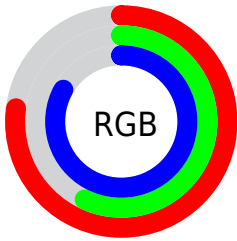
Format	Color
RYB	196, 145, 211
Decimal	12882387
CIELab	67.04, 30.73, -26.39
CIElCh	67, 40.507, 319.351
Yxy	36.6897, 0.3023, 0.2484
Android (android.graphics.Color)	4291072467 (0xFFC491D3)
YUV	167.7730, 21.3109, 24.7551
Hunter-Lab	60.5720, 25.5730, -22.5517

Details

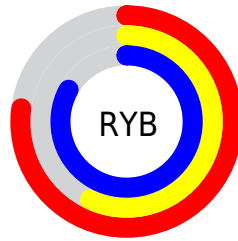
The YUV color **167.7730, 21.3109, 24.7551** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **188.2270, -21.3109, -24.7551**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5300, 16.5007, 27.5992**, and **115.1210, 20.1533, 22.6959** is the 20% darker color. If you saturate the color by 10%, you get **153.9510, 28.1252, 32.4920**, and if you desaturate by 10%, it is **181.5950, 14.4967, 17.0182**.

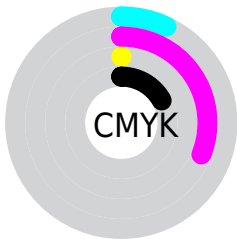
Distribution



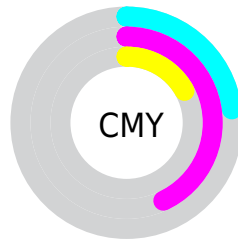
- Red (77%)
- Green (57%)
- Blue (83%)



- Red (77%)
- Yellow (57%)
- Blue (83%)



- Cyan (7%)
- Magenta (31%)
- Yellow (0%)
- Black (17%)




- Cyan (23%)
- Magenta (43%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YUV color 167.7730, 21.3109, 24.7551 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 167.7730, 21.3109, 24.7551 by changing the saturation by 10% instead.


 167.7730, 21.3109,
24.7551


 167.7730, 21.3109,
24.7551


255.0000, 0.0000,
0.0000


 140.9470, 20.7321,
23.7255


 221.5300, 16.5007,
27.5992


 115.1210, 20.1533,
22.6959

 239.1510, 7.8136,
13.8996

 89.7080, 19.8640,
22.1811

 65.8820, 19.2852,
21.1515

 42.0560, 18.7064,
20.1219

 18.7570, 18.8538,
19.5071

 9.6710, 12.4872,

8.1815

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 167.7730, 21.3109,
24.7551

■ 167.7730, 21.3109,
24.7551

■ 153.9510, 28.1252,
32.4920

■ 181.5950, 14.4967,
17.0182

■ 140.1290, 34.9394,
40.2289

■ 195.4170, 7.6824,
9.2813

■ 126.6060, 41.6062,
48.5805

■ 208.9400, 1.0156,
0.9296

■ 112.7840, 48.4205,
56.3174

■ 222.7620, -5.7987,
-6.8073

■ 98.9620, 55.2347,
64.0543

■ 237.1710,
-12.9023, -15.0590

■ 84.5530, 62.3384,
72.3060

■ 241.0140,
-14.7969, -14.0443

■ 72.7910, 68.1370,
79.1133

■ 242.5090,
-15.5339, -10.9704

■ 243.7050,
-16.1236, -8.5113

■ 245.2000,
-16.8606, -5.4374

Harmonies

Analogous

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



163.7340, 33.6551, -14.6757



167.7730, 21.3109, 24.7551



166.8120, 5.5157, 51.0309

Triad

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



167.7730, 21.3109, 24.7551



161.7350, -34.8724, 31.8044



128.0380, 28.5753, -112.2893

Complementary

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



167.7730, 21.3109, 24.7551



188.2270, -21.3109, -24.7551

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.



144.3370, 1.8059, -66.0705



167.7730, 21.3109, 24.7551



157.9550, -32.0228, 4.4245

Square

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



167.7730, 21.3109, 24.7551



163.6310, -26.9331, 52.0666



153.0740, -19.2635, -28.1289



129.8110, 42.9842, -113.8442

Rectangle

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



167.7730, 21.3109, 24.7551



165.7670, -6.2941, 58.9633



153.0740, -19.2635, -28.1289



126.9690, 23.1863, -110.4748

Sweetspot

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



167.7730, 21.3109, 24.7551



240.0040, 7.3930, 8.7665



161.3290, 24.4878, -14.3205



117.9990, 4.9305, 5.2629



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.



167.7730, 21.3109, 24.7551



191.4830, 31.3139, 36.4104



170.2060, 11.2374, 35.7763



97.6460, 3.6255, 3.8185



58.0220, 54.2192, 63.1247



14.2420, 13.1917, 15.5738

Inverse Universe

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



166.4440, -3.1769, 39.0756



189.5110, -4.6889, 57.4339



185.7940, -11.2374, -35.7763



97.5170, -0.7479, 6.5626



54.5640, -8.1661, 99.4834



13.2850, -2.1125, 24.3061

Previews

White Background



This preview shows how the YUV color 167.7730, 21.3109, 24.7551 looks on a white background.

Color Contrast Check

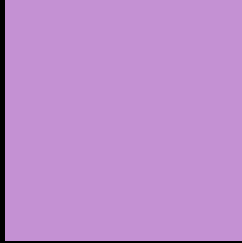
Large Text (above 18pt) WCAG AA × Fail

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 167.7730, 21.3109, 24.7551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

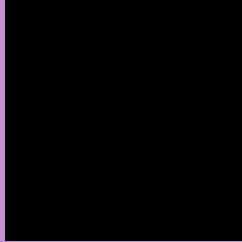
Any Text WCAG AA ✓ Pass

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 167.7730, 21.3109, 24.7551 Background



This preview shows how black text looks on a background with the YUV color 167.7730, 21.3109, 24.7551.



This preview shows how white text looks on a background with the YUV color 167.7730, 21.3109,

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

167.7730, 21.3109, 24.7551

Protanopia

163.2840, 29.4400, -16.0351

Deuteranopia

164.2760, 21.5559, -7.2581



Tritanopia

165.8330, 0.0823, 20.3175

Trichromacy



Original Color

167.7730, 21.3109, 24.7551

Protanomaly

164.9870, 26.6284, -0.8656

Deuteranomaly

165.9400, 21.2286, 4.4376

Tritanomaly

166.7930, 7.4971, 22.1065

Monochromacy



Original Color

167.7730, 21.3109, 24.7551

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.1180, 7.8298, 8.6665

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.7730, 21.3109, 24.7551 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(196, 145, 211)` looks like.

```
.text, #text, p{  
    color:rgb(196, 145, 211)  
}
```

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(196, 145, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 145, 211) }
```

Border

The CSS property to change the border of an element to YUV 167.7730, 21.3109, 24.7551 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(196, 145, 211) }
```


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

```
.border{ border-color:rgb(196, 145, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 145, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 145, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 145, 211);  
box-shadow:4px 4px 4px 4px rgb(196, 145,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 167.7730, 21.3109, 24.7551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 145, 211) }
```

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

```
.background{ background-color: rgb(196,  
145, 211) }
```

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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