

Converting Colors

YUV(174.1940, 29.4844,
16.4929)

Have a look what the booklet for
YUV(174.1940, 29.4844, 16.4929)
contains.

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Color

**YUV(174.1940, 29.4844,
16.4929)**

Conversions

Conversions Part 1

Format	Color
Hex	C199EA
RGB	193, 153, 234
RGB Percent	76%, 60%, 92%
CMY	0.2431, 0.4000, 0.0824
CMYK	0.18, 0.35, 0.00, 0.08
HSL	270°, 66%, 76%
HSV	270°, 35%, 92%
XYZ	48.2348, 40.0604, 83.0321
YIQ	174.1940, -2.1610, 33.6710

Conversions

Conversions Part 2

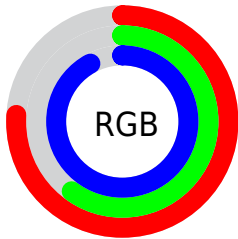
Format	Color
R _Y B	193, 153, 234
Decimal	12687850
CIE Lab	69.51, 30.23, -35.29
CIE LCh	70, 46.467, 310.588
Yxy	40.0604, 0.2815, 0.2338
Android (android.graphics.Color)	4290877930 (0xFFC199EA)
YUV	174.1940, 29.4844, 16.4929
Hunter-Lab	63.2933, 25.2687, -33.4750

Details

The YUV color **174.1940, 29.4844, 16.4929** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **212.8060, -29.4844, -16.4929**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.9160, 14.3384, 21.1217**, and **120.8410, 28.1794, 15.0484** is the 20% darker color. If you saturate the color by 10%, you get **157.1050, 37.9092, 20.9559**, and if you desaturate by 10%, it is **191.2830, 21.0595, 12.0298**.

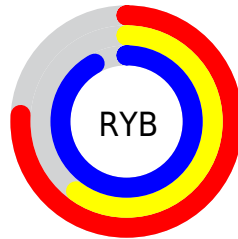
Distribution



Red (76%)

Green (60%)

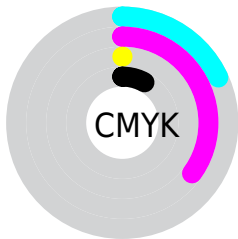
Blue (92%)



Red (76%)

Yellow (60%)

Blue (92%)

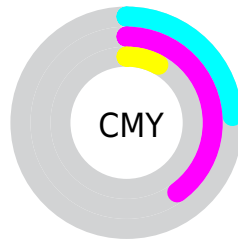


Cyan (18%)

Magenta (35%)

Yellow (0%)

Black (8%)



Cyan (24%)


Magenta (40%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 174.1940, 29.4844, 16.4929 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 174.1940, 29.4844, 16.4929 by changing the saturation by 10% instead.


 174.1940, 29.4844,
16.4929

 174.1940, 29.4844,
16.4929

255.0000, 0.0000,
0.0000


 147.3680, 28.9056,
15.4633


 225.9160, 14.3384,
21.1217


 120.8410, 28.1794,
15.0484

 243.8470, 5.4984,
9.7812

 95.9010, 27.1638,
14.1188

 71.0750, 26.5850,
13.0892

 47.7220, 25.2801,
11.6448

 24.0100, 25.1381,
10.5152

 11.3100, 20.0602,

5.8671

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 174.1940, 29.4844,
16.4929

■ 174.1940, 29.4844,
16.4929

■ 157.1050, 37.9092,
20.9559

■ 191.2830, 21.0595,
12.0298

■ 139.4290, 46.6235,
25.9338

■ 208.9590, 12.3452,
7.0520

■ 122.3400, 55.0484,
30.3968

■ 226.0480, 3.9203,
2.5889

■ 104.9630, 63.6152,
35.9894

■ 243.4250, -4.6465,
-3.0037

■ 87.8740, 72.0401,
40.4525

■ 251.7090, -8.7305,
0.2552

■ 70.7850, 80.4650,
44.9156

■ 252.6060, -9.1728,
2.0995

■ 61.3600, 85.1115,
47.9193

Harmonies

Analogous

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



166.2030, 42.2979, -33.5040



174.1940, 29.4844, 16.4929



174.2450, 12.2042, 52.4051

Triad

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



174.1940, 29.4844, 16.4929



168.1880, -38.5467, 43.6851



133.6800, 24.8078, -117.2374

Complementary

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



174.1940, 29.4844, 16.4929



212.8060, -29.4844, -16.4929

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.



150.2140, -5.0355, -65.0857



174.1940, 29.4844, 16.4929



164.6590, -39.7649, 14.3311

Square

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



174.1940, 29.4844, 16.4929



169.9360, -26.0974, 64.0771



159.6420, -27.4315, -21.6110



136.3650, 42.7111, -119.5921

Rectangle

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



174.1940, 29.4844, 16.4929



172.5920, -0.7849, 65.2558



159.6420, -27.4315, -21.6110



131.3830, 18.5452, -115.2229

Sweetspot

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



174.1940, 29.4844, 16.4929



236.4380, 9.1511, 4.8779



186.8880, 23.2262, -29.7198



116.2160, 5.8095, 3.3186



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.



174.1940, 29.4844, 16.4929



176.0450, 38.9248, 21.8855



186.1540, 23.5881, 41.0839



108.7490, 4.0677, 1.9741



47.2450, 65.9412, 36.6191



13.9300, 19.7545, 10.5854

Inverse Universe

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



181.8930, 5.9688, 45.6978



186.1490, 7.8145, 60.3823



200.8460, -23.5881, -41.0839



109.9730, 0.9993, 6.1627



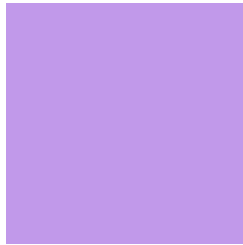
64.6070, 13.5047, 102.0767



19.2240, 3.8336, 30.4986

Previews

White Background



This preview shows how the YUV color 174.1940, 29.4844, 16.4929 looks on a white background.

Color Contrast Check

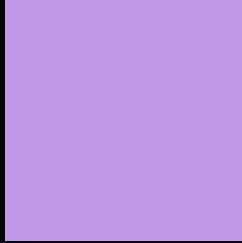
Large Text (above 18pt) WCAG AA × Fail

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 174.1940, 29.4844, 16.4929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

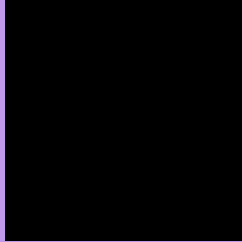
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.1940, 29.4844, 16.4929

Background



This preview shows how black text looks on a background with the YUV color 174.1940, 29.4844, 16.4929.



This preview shows how white text looks on a background with the YUV color 174.1940, 29.4844, 16.4929.

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

174.1940, 29.4844, 16.4929

Protanopia

169.3140, 37.3132, -21.3234

Deuteranopia

170.3980, 29.8768, -16.1350



Tritanopia

171.4620, 2.7302, 10.9958

Trichromacy



Original Color

174.1940, 29.4844, 16.4929

Protanomaly

171.0060, 34.5070, -7.8983

Deuteranomaly

172.0620, 29.5494, -4.4394

Tritanomaly

172.4050, 12.6183, 12.7998

Monochromacy



Original Color

174.1940, 29.4844, 16.4929

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.9050, 10.8928, 6.2223

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.1940, 29.4844, 16.4929 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(193, 153, 234)` looks like.

```
.text, #text, p{  
    color:rgb(193, 153, 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(193, 153, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 153, 234) }
```

Border

The CSS property to change the border of an element to YUV 174.1940, 29.4844, 16.4929 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(193, 153, 234) }
```


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

```
.border{ border-color:rgb(193, 153, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 153, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 153, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 153, 234);  
box-shadow:4px 4px 4px 4px rgb(193, 153,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 174.1940, 29.4844, 16.4929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 153, 234) }
```

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

```
.background{ background-color: rgb(193,  
153, 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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