

# Converting Colors

YUV(193.9030, 24.2048,  
29.9031)

Have a look what the booklet for  
YUV(193.9030, 24.2048, 29.9031)  
contains.

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# Color

**YUV(193.9030, 24.2048,  
29.9031)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4A7F3
RGB	228, 167, 243
RGB Percent	89%, 65%, 95%
CMY	0.1059, 0.3451, 0.0471
CMYK	0.06, 0.31, 0.00, 0.05
HSL	288°, 76%, 80%
HSV	288°, 31%, 95%
XYZ	61.9913, 50.6025, 91.2940
YIQ	193.9030, 11.9600, 36.5680

# Conversions

## Conversions Part 2

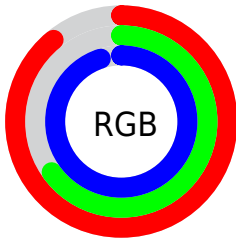
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">228, 167, 243</a>
Decimal	<a href="#">14985203</a>
CIELab	<a href="#">76.44, 35.17, -29.22</a>
CIElCh	<a href="#">76, 45.726, 320.285</a>
Yxy	<a href="#">50.6025, 0.3040, 0.2482</a>
Android (android.graphics.Color)	<a href="#">4293175283 (0xFFE4A7F3)</a>
YUV	<a href="#">193.9030, 24.2048, 29.9031</a>
Hunter-Lab	<a href="#">71.1354, 31.0677, -26.2970</a>

# Details

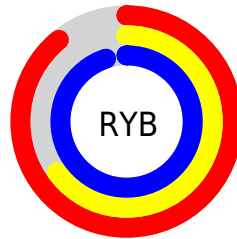
The YUV color **193.9030, 24.2048, 29.9031** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **216.0970, -24.2048, -29.9031**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.2160, 9.2605, 16.4736**, and **139.6640, 23.3366, 28.3587** is the 20% darker color. If you saturate the color by 10%, you get **178.3200, 31.8872, 39.1844**, and if you desaturate by 10%, it is **209.4860, 16.5224, 20.6218**.

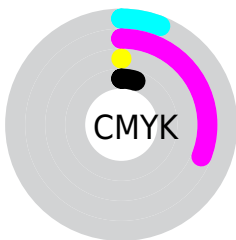
# Distribution



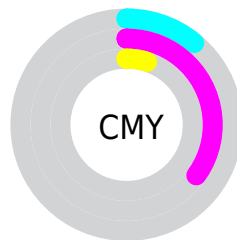
- Red (89%)
- Green (65%)
- Blue (95%)



- Red (89%)
- Yellow (65%)
- Blue (95%)



- Cyan (6%)
- Magenta (31%)
- Yellow (0%)
- Black (5%)




- Cyan (11%)
- Magenta (35%)
- Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 193.9030, 24.2048, 29.9031 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 193.9030, 24.2048, 29.9031 by changing the saturation by 10% instead.



 193.9030, 24.2048,  
29.9031

 193.9030, 24.2048,  
29.9031


255.0000, 0.0000,  
0.0000


 166.0770, 23.6260,  
28.8735

 236.2160, 9.2605,  
16.4736


 139.6640, 23.3366,  
28.3587

 253.2390, 0.8682,  
1.5444

 113.4250, 22.4685,  
26.8143

 88.0120, 22.1791,  
26.2995

 63.3000, 22.0371,  
25.1699

 38.8870, 21.7477,  
24.6551

 19.6970, 19.8694,

20.4367

■ 10.3120, 13.6502,  
8.4964

■ 2.1830, 5.8258,  
-1.9145

■ 193.9030, 24.2048,  
29.9031

■ 193.9030, 24.2048,  
29.9031

■ 178.3200, 31.8872,  
39.1844

■ 209.4860, 16.5224,  
20.6218

■ 162.1500, 39.8591,  
48.9805

■ 225.6560, 8.5506,  
10.8257

■ 146.8660, 47.3941,  
58.8765

■ 240.9400, 1.0156,  
0.9296

■ 131.2830, 55.0765,  
68.1578

■ 251.2400, -4.0623,  
-3.7185

■ 115.1130, 63.0483,  
77.9539

■ 252.7350, -4.7994,  
-0.6446

■ 99.5300, 70.7307,  
87.2352

■ 253.6320, -5.2416,  
1.1997

■ 86.0070, 77.3975,  
95.5869

# Harmonies

## Analogous

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



187.9190, 33.0709, -13.9610



193.9030, 24.2048, 29.9031



191.0730, 6.3730, 56.0640

# Triad

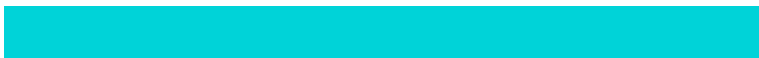
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



193.9030, 24.2048, 29.9031



186.0900, -39.9774, 35.8781



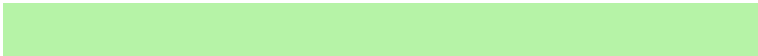
148.4810, 33.2869, -130.2178

# Complementary

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



193.9030, 24.2048, 29.9031



216.0970, -24.2048, -29.9031

# 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.



165.7160, 3.5910, -78.6809



193.9030, 24.2048, 29.9031



182.5760, -37.2590, 3.8798

# Square

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



193.9030, 24.2048, 29.9031



187.9370, -31.0279, 58.8143



176.7590, -21.5732, -33.9916



149.6500, 50.4585, -131.2431



# Rectangle

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



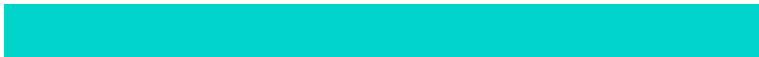
193.9030, 24.2048, 29.9031



187.1800, -6.0047, 59.4781



176.7590, -21.5732, -33.9916



146.8850, 27.1717, -128.8181

# Sweetspot

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



193.9030, 24.2048, 29.9031



240.0040, 7.3930, 8.7665



184.4690, 28.8558, -15.3203



118.2980, 4.7831, 5.8777



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.



193.9030, 24.2048, 29.9031



192.3800, 30.8717, 38.2547



195.7660, 11.9474, 41.4242



114.3580, 3.7675, 4.9480



65.7550, 59.2808, 73.0059



20.7790, 18.8430, 22.9958



# Inverse Universe

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



191.4340, -4.6510, 45.2234



189.1690, -5.9993, 57.7338



214.2340, -11.9474, -41.4242



113.9300, -0.4585, 7.0774



59.8320, -11.2562, 110.6493



19.0090, -3.4554, 35.0721



# Previews

## White Background



This preview shows how the YUV color 193.9030, 24.2048, 29.9031 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

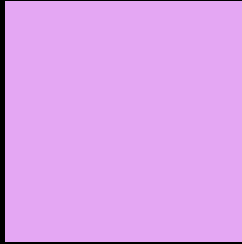
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 193.9030, 24.2048, 29.9031 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

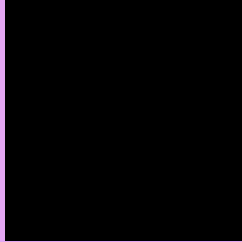
Any Text WCAG AA ✓ Pass

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 193.9030, 24.2048, 29.9031 Background



This preview shows how black text looks on a background with the YUV color 193.9030, 24.2048, 29.9031.



This preview shows how white text looks on a background with the YUV color 193.9030, 24.2048,



# 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

193.9030, 24.2048, 29.9031

### Protanopia

188.7830, 32.6450, -17.3497

### Deuteranopia

189.9600, 24.1767, -7.8579



## Tritanopia

191.4530, -0.2233, 25.0357

# Trichromacy



## Original Color

193.9030, 24.2048, 29.9031



## Protanomaly

190.4970, 29.8280, -0.4359



## Deuteranomaly

191.0480, 24.1333, 6.0969



## Tritanomaly

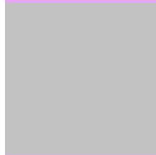
192.1680, 8.7912, 27.0397

# Monochromacy



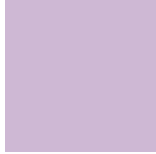
## Original Color

193.9030, 24.2048, 29.9031



## Achromatopsia

194.0000, 0.0000, 0.0000



## Achromatomaly

193.7700, 8.9874, 10.7257

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 193.9030, 24.2048, 29.9031 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(228, 167, 243)` looks like.

```
.text, #text, p{  
    color:rgb(228, 167, 243)  
}
```

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(228, 167, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 167, 243) }
```

## Border

The CSS property to change the border of an element to YUV 193.9030, 24.2048, 29.9031 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(228, 167, 243) }
```



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

```
.border{ border-color:rgb(228, 167, 243) }
```

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

Here you see how a box with a 4 pixel rgb(228, 167, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 167, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 167, 243);  
box-shadow:4px 4px 4px 4px rgb(228, 167,  
243) }
```

# Background

The CSS property to change the background color of an element to YUV 193.9030, 24.2048, 29.9031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 167, 243) }
```

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

```
.background{ background-color: rgb(228,  
167, 243) }
```

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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