

# Converting Colors

YUV(190.0850, 14.7481,  
29.7435)

Have a look what the booklet for  
YUV(190.0850, 14.7481, 29.7435)  
contains.

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# Color

**YUV(190.0850, 14.7481,  
29.7435)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E0A7DC
RGB	224, 167, 220
RGB Percent	88%, 65%, 86%
CMY	0.1216, 0.3451, 0.1373
CMYK	0.00, 0.25, 0.02, 0.12
HSL	304°, 48%, 77%
HSV	304°, 25%, 88%
XYZ	57.4775, 48.6520, 74.0715
YIQ	190.0850, 16.9590, 28.5670

# Conversions

## Conversions Part 2

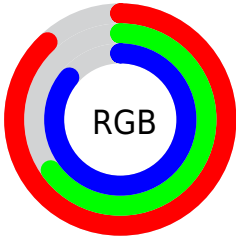
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 167, 220
Decimal	14723036
CIE <sub>Lab</sub>	75.23, 29.57, -18.60
CIE <sub>LCh</sub>	75, 34.931, 327.833
Yxy	48.6520, 0.3190, 0.2700
Android (android.graphics.Color)	4292913116 (0xFFE0A7DC)
YUV	190.0850, 14.7481, 29.7435
Hunter-Lab	69.7510, 25.0264, -14.1368

# Details

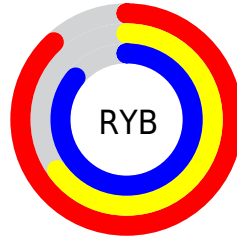
The YUV color **190.0850, 14.7481, 29.7435** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **200.9150, -14.7481, -29.7435**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.2160, 9.2605, 16.4736**, and **135.9600, 14.3167, 28.0991** is the 20% darker color. If you saturate the color by 10%, you get **176.9430, 20.2411, 41.2690**, and if you desaturate by 10%, it is **203.2270, 9.2551, 18.2179**.

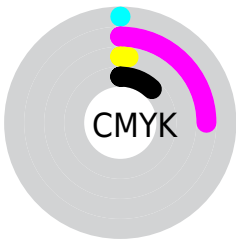
# Distribution



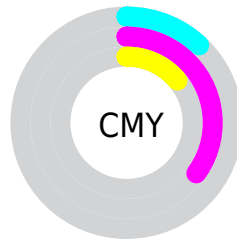
- Red (88%)
- Green (65%)
- Blue (86%)



- Red (88%)
- Yellow (65%)
- Blue (86%)



- Cyan (0%)
- Magenta (25%)
- Yellow (2%)
- Black (12%)




- Cyan (12%)
- Magenta (35%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 190.0850, 14.7481, 29.7435 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 190.0850, 14.7481, 29.7435 by changing the saturation by 10% instead.




 190.0850, 14.7481,  
29.7435


 190.0850, 14.7481,  
29.7435


255.0000, 0.0000,  
0.0000


 162.6720, 14.4587,  
29.2287


 236.2160, 9.2605,  
16.4736


 135.9600, 14.3167,  
28.0991

 252.6520, 1.1576,  
2.0592

 110.1340, 13.7379,  
27.0695

 85.4220, 13.5960,  
25.9399

 61.5960, 13.0172,  
24.9103

 37.4110, 13.6014,  
24.1956

 17.4600, 12.5912,

21.5216

■ 6.0960, 7.8407,  
5.1778

■ 0.0000, 0.0000,  
0.0000

■ 190.0850, 14.7481,  
29.7435

■ 190.0850, 14.7481,  
29.7435

■ 176.9430, 20.2411,  
41.2690

■ 203.2270, 9.2551,  
18.2179

■ 163.3280, 26.4603,  
53.2093

■ 216.8420, 3.0359,  
6.2776

■ 150.1860, 31.9533,  
64.7349

■ 229.9840, -2.4571,  
-5.2480

■ 136.5710, 38.1725,  
76.6752

■ 242.4250, -8.0975,  
-16.1587

123.4290, 43.6655,  
88.2008

242.6530, -7.2239,  
-16.3587

110.4010, 49.5953,  
99.6263

242.7670, -6.7871,  
-16.4587

96.6720, 55.3777,  
111.6667

242.9950, -5.9135,  
-16.6586

90.6880, 57.8348,  
116.9146

243.2230, -5.0399,  
-16.8586

243.3370, -4.6031,  
-16.9585

# Harmonies

## Analogous

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



187.6880, 26.7758, -1.4804



190.0850, 14.7481, 29.7435



189.3080, -0.1518, 48.8419

# Triad

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



190.0850, 14.7481, 29.7435



183.4180, -30.7721, 23.3124



165.3950, 23.9623, -79.2764

# Complementary

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



190.0850, 14.7481, 29.7435



200.9150, -14.7481, -29.7435

# 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.



169.8090, 6.0102, -61.2225



190.0850, 14.7481, 29.7435



179.8060, -26.0334, -3.3379

# Square

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



190.0850, 14.7481, 29.7435



185.6900, -26.4692, 43.2449



175.4740, -12.5587, -31.9877



170.6810, 33.6813, -69.8802



# Rectangle

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



190.0850, 14.7481, 29.7435



187.9960, -10.3510, 53.5005



175.4740, -12.5587, -31.9877



166.3370, 18.5679, -75.7175

# Sweetspot

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



190.0850, 14.7481, 29.7435



243.1460, 5.3510, 10.3960



174.6940, 24.3079, -3.2396



120.2550, 3.3253, 6.7924



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.



190.0850, 14.7481, 29.7435



207.9430, 20.2411, 41.2690



186.8930, 2.5178, 32.5428



105.4290, 2.7465, 5.7628



71.3200, 45.6912, 91.8044



19.4820, 12.5804, 25.0103



# Inverse Universe

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



190.0850, 14.7481, 29.7435



207.9430, 20.2411, 41.2690



204.1070, -2.5178, -32.5428



105.4290, 2.7465, 5.7628



71.3200, 45.6912, 91.8044



19.4820, 12.5804, 25.0103



# Previews

## White Background



This preview shows how the YUV color 190.0850, 14.7481, 29.7435 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

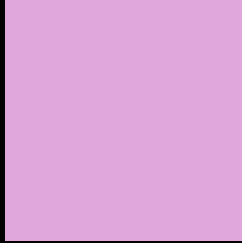
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 190.0850, 14.7481, 29.7435 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

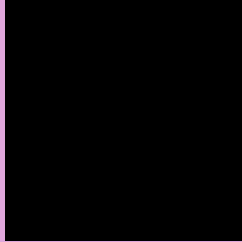
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 190.0850, 14.7481, 29.7435

## Background



This preview shows how black text looks on a background with the YUV color 190.0850, 14.7481, 29.7435.



This preview shows how white text looks on a background with the YUV color 190.0850, 14.7481, 29.7435.



# 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

190.0850, 14.7481, 29.7435

### Protanopia

186.3680, 22.0036, -10.8467

### Deuteranopia

187.1970, 14.6929, 0.7042



## Tritanopia

188.3500, -0.6655, 26.8801

# Trichromacy



## Original Color

190.0850, 14.7481, 29.7435



## Protanomaly

187.7720, 19.3394, 3.7080



## Deuteranomaly

188.2630, 14.6603, 11.1703



## Tritanomaly

189.1420, 4.8600, 27.9395

# Monochromacy



## Original Color

190.0850, 14.7481, 29.7435



## Achromatopsia

190.0000, 0.0000, 0.0000



## Achromatomaly

190.1460, 5.3510, 10.3960

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 190.0850, 14.7481, 29.7435 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(224, 167, 220)` looks like.

```
.text, #text, p{  
    color:rgb(224, 167, 220)  
}
```

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(224, 167, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 167, 220) }
```

## Border

The CSS property to change the border of an element to YUV 190.0850, 14.7481, 29.7435 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(224, 167, 220) }
```



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

```
.border{ border-color:rgb(224, 167, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 167, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 167, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 167, 220);  
box-shadow:4px 4px 4px 4px rgb(224, 167,  
220) }
```

# Background

The CSS property to change the background color of an element to YUV 190.0850, 14.7481, 29.7435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 167, 220) }
```

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

```
.background{ background-color: rgb(224,  
167, 220) }
```

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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