

Converting Colors

YUV(190.1390, 29.5115, 7.7711)

Have a look what the booklet for
YUV(190.1390, 29.5115, 7.7711)
contains.

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Color

**YUV(190.1390, 29.5115,
7.7711)**

Conversions

Conversions Part 1

Format	Color
Hex	C7AEFA
RGB	199, 174, 250
RGB Percent	78%, 68%, 98%
CMY	0.2196, 0.3176, 0.0196
CMYK	0.20, 0.30, 0.00, 0.02
HSL	260°, 88%, 83%
HSV	260°, 30%, 98%
XYZ	55.9446, 49.3163, 97.0129
YIQ	190.1390, -9.4960, 28.9360

Conversions

Conversions Part 2

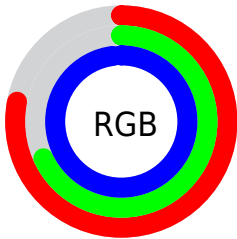
Format	Color
R _Y B	199, 174, 250
Decimal	13086458
CIE Lab	75.65, 23.99, -34.44
CIE LCh	76, 41.973, 304.867
Yxy	49.3163, 0.2766, 0.2438
Android (android.graphics.Color)	4291276538 (0xFFC7AEFA)
YUV	190.1390, 29.5115, 7.7711
Hunter-Lab	70.2256, 19.3055, -32.7480

Details

The YUV color **190.1390, 29.5115, 7.7711** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **233.8610, -29.5115, -7.7711**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.3250, 7.2348, 12.8700**, and **136.0850, 28.0591, 6.9415** is the 20% darker color. If you saturate the color by 10%, you get **170.3810, 39.2522, 10.1899**, and if you desaturate by 10%, it is **209.8970, 19.7708, 5.3523**.

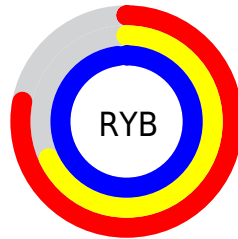
Distribution



Red (78%)

Green (68%)

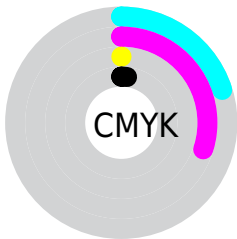
Blue (98%)



Red (78%)

Yellow (68%)

Blue (98%)

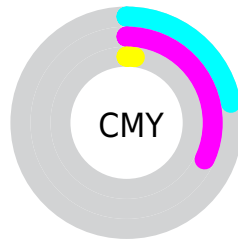


Cyan (20%)

Magenta (30%)

Yellow (0%)

Black (2%)



Cyan (22%)


Magenta (32%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 190.1390, 29.5115, 7.7711 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 190.1390, 29.5115, 7.7711 by changing the saturation by 10% instead.


 190.1390, 29.5115,
7.7711


 190.1390, 29.5115,
7.7711


255.0000, 0.0000,
0.0000


 162.6120, 28.7853,
7.3563


 240.3250, 7.2348,
12.8700

 136.0850, 28.0591,
6.9415

 110.2590, 27.4803,
5.9119

 85.6180, 26.3173,
5.5970

 61.9660, 25.1598,
3.5378

 38.8410, 24.7284,
1.8934

 15.7160, 24.2970,

0.2491

■ 4.7880, 18.3455,
-4.1991

■ 2.8670, 8.4466,
-2.5144

■ 190.1390, 29.5115,
7.7711

■ 190.1390, 29.5115,
7.7711

■ 170.3810, 39.2522,
10.1899

■ 209.8970, 19.7708,
5.3523

■ 150.6230, 48.9929,
12.6086

■ 229.6550, 10.0301,
2.9336

■ 131.1640, 58.5861,
15.6422

■ 249.1140, 0.4368,
-0.1000

■ 111.4060, 68.3268,
18.0609

■ 254.4300, -2.1840,
0.4999

■ 91.6480, 78.0675,
20.4797

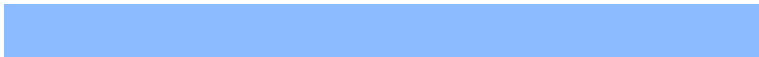
■ 71.8900, 87.8082,
22.8985

■ 53.0180, 97.1121,
25.4172

Harmonies

Analogous

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



181.2860, 36.3410, -36.2078



190.1390, 29.5115, 7.7711



191.3470, 14.1259, 42.6687

Triad

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



190.1390, 29.5115, 7.7711



186.0510, -34.0421, 45.5593



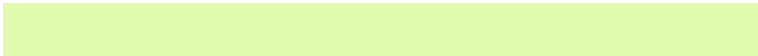
160.4400, 15.5591, -90.7169

Complementary

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



190.1390, 29.5115, 7.7711



233.8610, -29.5115, -7.7711

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.



172.0590, -9.8891, -48.2867



190.1390, 29.5115, 7.7711



182.7890, -36.8710, 19.4790

Square

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



190.1390, 29.5115, 7.7711



187.1680, -21.2818, 59.4887



178.4690, -28.3322, -12.6893



146.4410, 40.7016, -128.4288

Rectangle

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



190.1390, 29.5115, 7.7711



190.6340, 2.1524, 56.4490



178.4690, -28.3322, -12.6893



165.4220, 6.2010, -75.7921

Sweetspot

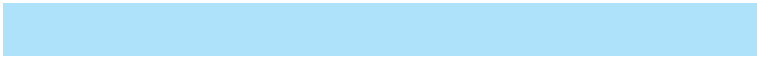
The Sweet Spot groups the original color and five complimentary colors.



190.1390, 29.5115, 7.7711



237.0140, 8.8671, 2.6187



213.1880, 18.1483, -34.3679



116.2050, 5.8149, 1.5742



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.



190.1390, 29.5115, 7.7711



182.4580, 35.7632, 9.2453



201.2020, 24.0574, 30.5178



114.9770, 4.9413, 1.7742



40.0840, 73.4156, 19.2203



12.9340, 23.6965, 6.1969

Inverse Universe

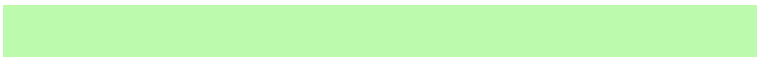
The Inverse Universe completely reimagines the original color for something new.



202.5380, 11.0738, 41.6242



197.5760, 13.5200, 50.3608



222.7980, -24.0574, -30.5178



116.9130, 2.0149, 7.0923



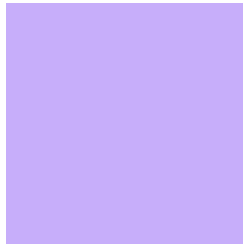
70.9890, 27.6134, 103.4956



22.9130, 8.9169, 33.4023

Previews

White Background



This preview shows how the YUV color 190.1390, 29.5115, 7.7711 looks on a white background.

Color Contrast Check

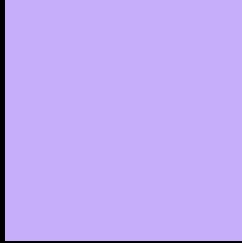
Large Text (above 18pt) WCAG AA × Fail

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 190.1390, 29.5115, 7.7711 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 190.1390, 29.5115, 7.7711

Background



This preview shows how black text looks on a background with the YUV color 190.1390, 29.5115, 7.7711.



This preview shows how white text looks on a background with the YUV color 190.1390, 29.5115, 7.7711.

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

190.1390, 29.5115, 7.7711

Protanopia

186.4130, 33.8134, -18.7792

Deuteranopia

187.4090, 29.8714, -14.3907



Tritanopia

187.5040, 5.6675, 2.1890

Trichromacy



Original Color

190.1390, 29.5115, 7.7711

Protanomaly

187.4250, 32.3285, -9.1427

Deuteranomaly

188.1650, 29.9917, -6.2837

Tritanomaly

188.2190, 14.6820, 4.1929

Monochromacy



Original Color

190.1390, 29.5115, 7.7711

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.8830, 10.9037, 2.7336

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.1390, 29.5115, 7.7711 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(199, 174, 250)` looks like.

```
.text, #text, p{  
    color:rgb(199, 174, 250)  
}
```

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(199, 174, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 174, 250) }
```

Border

The CSS property to change the border of an element to YUV 190.1390, 29.5115, 7.7711 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(199, 174, 250) }
```


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

```
.border{ border-color:rgb(199, 174, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 174, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 174, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 174, 250);  
box-shadow:4px 4px 4px 4px rgb(199, 174,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 190.1390, 29.5115, 7.7711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 174, 250) }
```

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

```
.background{ background-color: rgb(199,  
174, 250) }
```

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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