

# Converting Colors

YUV(192.9010, 27.1638,  
14.1188)

Have a look what the booklet for  
YUV(192.9010, 27.1638, 14.1188)  
contains.

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# Color

**YUV(192.9010, 27.1638,  
14.1188)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1AEF8
RGB	209, 174, 248
RGB Percent	82%, 68%, 97%
CMY	0.1804, 0.3176, 0.0275
CMYK	0.16, 0.30, 0.00, 0.03
HSL	268°, 84%, 83%
HSV	268°, 30%, 97%
XYZ	58.3738, 50.6047, 95.4980
YIQ	192.9010, -2.8940, 30.4340

# Conversions

## Conversions Part 2

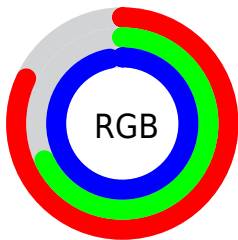
Format	Color
R <sub>Y</sub> B	209, 174, 248
Decimal	13741816
CIE Lab	76.44, 26.56, -32.07
CIE LCh	76, 41.640, 309.638
Yxy	50.6047, 0.2855, 0.2475
Android (android.graphics.Color)	4291931896 (0xFFD1AEF8)
YUV	192.9010, 27.1638, 14.1188
Hunter-Lab	71.1370, 21.9844, -29.7981

# Details

The YUV color **192.9010, 27.1638, 14.1188** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **229.0990, -27.1638, -14.1188**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.3250, 7.2348, 12.8700**, and **138.8470, 25.7114, 13.2892** is the 20% darker color. If you saturate the color by 10%, you get **174.3390, 36.3149, 18.9967**, and if you desaturate by 10%, it is **211.4630, 18.0127, 9.2409**.

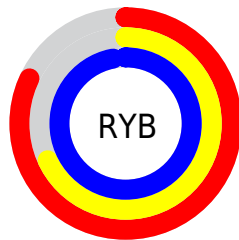
# Distribution



Red (82%)

Green (68%)

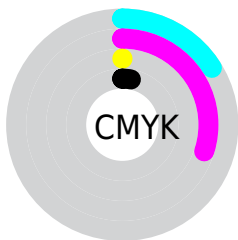
Blue (97%)



Red (82%)

Yellow (68%)

Blue (97%)

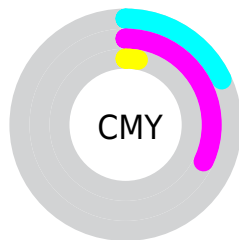


Cyan (16%)

Magenta (30%)

Yellow (0%)

Black (3%)



Cyan (18%)

Magenta (32%)


Yellow (3%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 192.9010, 27.1638, 14.1188 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 192.9010, 27.1638, 14.1188 by changing the saturation by 10% instead.



 192.9010, 27.1638,  
14.1188


 192.9010, 27.1638,  
14.1188


255.0000, 0.0000,  
0.0000


 165.3740, 26.4376,  
13.7040


 240.3250, 7.2348,  
12.8700

 138.8470, 25.7114,  
13.2892

 113.0210, 25.1326,  
12.2596

 88.1950, 24.5539,  
11.2300

 64.2550, 23.5383,  
10.3004

 41.0160, 22.6701,  
8.7560

 18.1900, 22.0913,

7.7264

■ 4.6740, 17.9087,  
-4.0991

■ 2.7530, 8.0098,  
-2.4144

■ 192.9010, 27.1638,  
14.1188

■ 192.9010, 27.1638,  
14.1188

■ 174.3390, 36.3149,  
18.9967

■ 211.4630, 18.0127,  
9.2409

■ 155.7770, 45.4659,  
23.8746

■ 230.0250, 8.8617,  
4.3631

■ 137.8020, 54.3276,  
28.2376

■ 248.0000, 0.0000,  
0.0000

■ 119.2400, 63.4787,  
33.1155

■ 254.2020, -3.0576,  
0.6998

■ 100.6780, 72.6297,  
37.9934

■ 82.1160, 81.7808,  
42.8713

■ 63.5540, 90.9319,  
47.7491

■ 63.2550, 91.0793,  
47.1344

# Harmonies

## Analogous

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



185.1730, 34.4247, -28.2157



192.9010, 27.1638, 14.1188



193.5710, 11.0575, 46.8572

# Triad

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



192.9010, 27.1638, 14.1188



187.8010, -34.9049, 42.2705



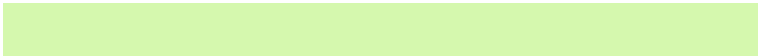
161.0310, 19.2117, -95.6202

# Complementary

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



192.9010, 27.1638, 14.1188



229.0990, -27.1638, -14.1188

# 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.



173.0520, -5.9416, -54.4196



192.9010, 27.1638, 14.1188



184.6960, -35.8391, 15.1756

# Square

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



192.9010, 27.1638, 14.1188



189.1740, -23.7498, 57.7294



180.4190, -25.8426, -17.9075



148.4130, 43.1804, -130.1582



# Rectangle

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



192.9010, 27.1638, 14.1188



190.7650, 0.1159, 56.3341



180.4190, -25.8426, -17.9075



166.1270, 10.2904, -80.7954

# Sweetspot

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



192.9010, 27.1638, 14.1188



237.9110, 8.4249, 4.4631



205.3290, 21.0368, -27.4755



116.8030, 5.5201, 2.8038



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.



192.9010, 27.1638, 14.1188



186.6440, 33.6995, 17.8522



203.9640, 21.7097, 36.8656



115.2760, 4.7939, 2.3889



48.1570, 69.4356, 35.8193



15.6250, 22.3699, 11.7299



# Inverse Universe

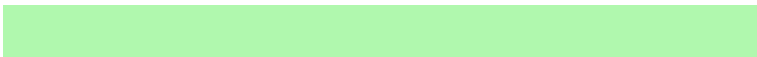
The Inverse Universe completely reimagines the original color for something new.



200.5720, 6.1270, 41.5944



196.0940, 7.8417, 51.6606



218.0360, -21.7097, -36.8656



116.6850, 1.1413, 7.2923



67.7970, 15.3831, 106.2950

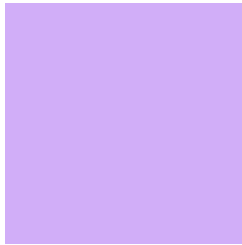


21.8870, 4.9857, 34.3021



# Previews

## White Background



This preview shows how the YUV color 192.9010, 27.1638, 14.1188 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

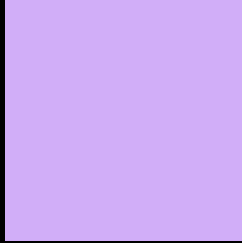
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 192.9010, 27.1638, 14.1188 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 192.9010, 27.1638, 14.1188

## Background



This preview shows how black text looks on a background with the YUV color 192.9010, 27.1638, 14.1188.



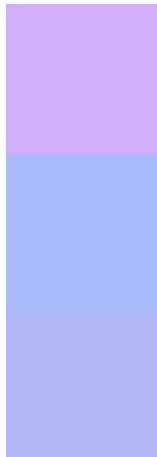
This preview shows how white text looks on a background with the YUV color 192.9010, 27.1638,



# 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

192.9010, 27.1638, 14.1188

### Protanopia

188.7830, 32.6450, -17.3497

### Deuteranopia

189.2630, 27.9713, -11.6317



## **Tritanopia**

190.6790, 3.6093, 9.0515

# Trichromacy



## Original Color

192.9010, 27.1638, 14.1188

## Protanomaly

190.5780, 30.2810, -5.7689

## Deuteranomaly

190.6170, 27.7968, -2.2951

## Tritanomaly

191.2800, 12.1870, 11.1554

# Monochromacy



## Original Color

192.9010, 27.1638, 14.1188

## Achromatopsia

193.0000, 0.0000, 0.0000

## Achromatomaly

192.9650, 9.8773, 5.2927

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 192.9010, 27.1638, 14.1188 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(209, 174, 248)` looks like.

```
.text, #text, p{  
    color:rgb(209, 174, 248)  
}
```

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(209, 174, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 174, 248) }
```

## Border

The CSS property to change the border of an element to YUV 192.9010, 27.1638, 14.1188 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(209, 174, 248) }
```



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

```
.border{ border-color:rgb(209, 174, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 174, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 174, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 174, 248);  
box-shadow:4px 4px 4px 4px rgb(209, 174,  
248) }
```

# Background

The CSS property to change the background color of an element to YUV 192.9010, 27.1638, 14.1188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 174, 248) }
```

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

```
.background{ background-color: rgb(209,  
174, 248) }
```

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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