

# Converting Colors

YUV(109.5140, 71.7246,  
95.1422)

Have a look what the booklet for  
YUV(109.5140, 71.7246, 95.1422)  
contains.

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# Color

**YUV(109.5140, 71.7246,  
95.1422)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DA1AFF
RGB	218, 26, 255
RGB Percent	85%, 10%, 100%
CMY	0.1451, 0.8980, 0.0000
CMYK	0.15, 0.90, 0.00, 0.00
HSL	290°, 100%, 55%
HSV	290°, 90%, 100%
XYZ	47.3328, 22.8642, 96.5263
YIQ	109.5140, 40.9230, 111.9230

# Conversions

## Conversions Part 2

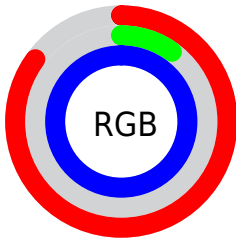
Format	Color
R <sub>Y</sub> B	218, 26, 255
Decimal	14293759
CIE Lab	54.93, 90.58, -69.83
CIE LCh	55, 114.370, 322.369
Yxy	22.8642, 0.2839, 0.1371
Android (android.graphics.Color)	4292483839 (0xFFDA1AFF)
YUV	109.5140, 71.7246, 95.1422
Hunter-Lab	47.8165, 93.0154, -86.2159

# Details

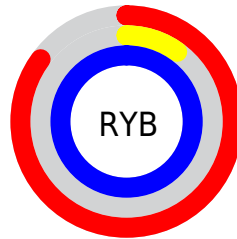
The YUV color **109.5140, 71.7246, 95.1422** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light washed magenta. A complement of this color would be **171.4860, -71.7246, -95.1422**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.9500, 43.4087, 77.2199**, and **69.4010, 62.9063, 76.8243** is the 20% darker color. If you saturate the color by 10%, you get **93.0560, 79.8384, 106.0679**, and if you desaturate by 10%, it is **125.3850, 63.9002, 84.7314**.

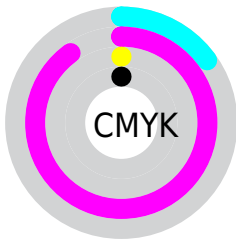
# Distribution



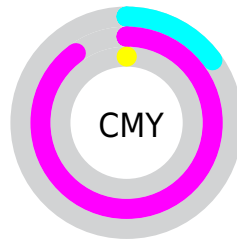
- Red (85%)
- Green (10%)
- Blue (100%)



- Red (85%)
- Yellow (10%)
- Blue (100%)



- Cyan (15%)
- Magenta (90%)
- Yellow (0%)
- Black (0%)




- Cyan (15%)
- Magenta (90%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 109.5140, 71.7246, 95.1422 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 109.5140, 71.7246, 95.1422 by changing the saturation by 10% instead.





 109.5140, 71.7246,  
95.1422


 109.5140, 71.7246,  
95.1422


255.0000, 0.0000,  
0.0000


 81.9760, 71.0038,  
92.9830


 166.9500, 43.4087,  
77.2199


 69.4010, 62.9063,  
76.8243


 185.1470, 34.4375,  
61.2611


 57.2390, 55.0982,  
61.1804


 203.3440, 25.4664,  
45.3023

 45.1910, 47.7268,  
45.4365

 220.9540, 16.7847,  
29.8583

 33.1430, 40.3555,  
29.6926

 239.1510, 7.8136,  
13.8996

 20.7250, 34.1526,  
12.5192

 7.4100, 28.3919,

-6.4986

■ 6.5490, 17.4773,  
-5.7435

■ 2.8670, 8.4466,  
-2.5144

■ 109.5140, 71.7246,  
95.1422

■ 109.5140, 71.7246,  
95.1422

■ 93.0560, 79.8384,  
106.0679

■ 125.3850, 63.9002,  
84.7314

■ 141.8430, 55.7864,  
73.8057

■ 157.7140, 47.9620,  
63.3948

■ 174.1720, 39.8482,  
52.4692

■ 190.3420, 31.8764,  
42.6731

■ 206.8000, 23.7626,  
31.7474

■ 222.6710, 15.9382,  
21.3365

■ 239.1290, 7.8244,  
10.4109

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



98.3360, 77.2354, -86.2407



109.5140, 71.7246, 95.1422



94.5990, 32.7357, 140.6717

# Triad

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



109.5140, 71.7246, 95.1422



123.9720, -61.1182, 50.0136



122.5730, 40.6365, -107.4965

# Complementary

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



109.5140, 71.7246, 95.1422



171.4860, -71.7246, -95.1422

# 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.



109.0700, -3.4855, -95.6544



109.5140, 71.7246, 95.1422



112.5900, -55.5069, -23.3194

# Square

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



109.5140, 71.7246, 95.1422



107.0350, -52.7683, 125.3803



94.5070, -46.5920, -82.8826



127.0990, 63.0552, -111.4658



# Rectangle

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



109.5140, 71.7246, 95.1422



87.3030, 4.7806, 147.0703



94.5070, -46.5920, -82.8826



118.2240, 26.5116, -103.6824

# Sweetspot

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



109.5140, 71.7246, 95.1422



211.2080, 21.5895, 28.7586



74.4120, 89.0299, -42.4573



101.8400, 12.8969, 16.8033



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.



109.5140, 71.7246, 95.1422



93.0560, 79.8384, 106.0679



111.9130, 33.0739, 125.4873



119.4720, 4.2043, 4.8481



69.6140, 59.8433, 79.2685



23.1430, 20.1425, 26.1846



# Inverse Universe

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



98.6890, -17.5947, 137.0847



80.9190, -19.6801, 152.6690



169.0870, -33.0739, -125.4873



119.1150, -1.0427, 7.7921



60.6430, -14.6140, 114.3231



20.2760, -5.0661, 38.3459



# Previews

## White Background



This preview shows how the YUV color 109.5140, 71.7246, 95.1422 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

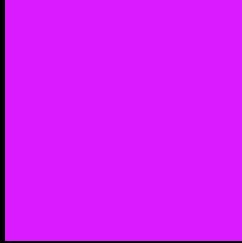
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 109.5140, 71.7246, 95.1422 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

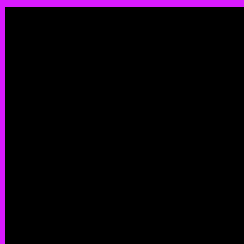
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 109.5140, 71.7246, 95.1422

## Background



This preview shows how black text looks on a background with the YUV color 109.5140, 71.7246, 95.1422.



This preview shows how white text looks on a background with the YUV color 109.5140, 71.7246,



# 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

109.5140, 71.7246, 95.1422

### Protanopia

120.0530, 66.5289, -58.8055

### Deuteranopia

105.7900, 65.1795, -92.7778



## Tritanopia

131.8010, -11.2409, 58.9335

# Trichromacy



## Original Color

109.5140, 71.7246, 95.1422



## Protanomaly

116.2740, 68.3919, -2.8713



## Deuteranomaly

107.2020, 67.4414, -24.7332



## Tritanomaly

123.5000, 18.9805, 72.3525

# Monochromacy



## Original Color

109.5140, 71.7246, 95.1422



## Achromatopsia

110.0000, 0.0000, 0.0000



## Achromatomaly

109.5060, 26.3725, 34.6362

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 109.5140, 71.7246, 95.1422 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(218, 26, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 26, 255)  
}
```

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(218, 26, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 26, 255) }
```

## Border

The CSS property to change the border of an element to YUV 109.5140, 71.7246, 95.1422 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(218, 26, 255) }
```



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

```
.border{ border-color:rgb(218, 26, 255) }
```

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

Here you see how a box with a 4 pixel rgb(218, 26, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 26, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 26, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 26,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 109.5140, 71.7246, 95.1422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 26, 255) }
```

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

```
.background{ background-color: rgb(218, 26,  
255) }
```

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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